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BEAVER
Strawberry



JONATHAN
Apple

1931
The WHITTEN
A Complete Line of Nursery
Stock Direct to Grower

1931

ACKERMAN
NURSERIES
BRIDGMAN, MICHIGAN

COLORADO
Blue Spruce



SOUV. DE CLAUDIUS PERNET
Rose





Mastodon Everbearing—The Original Strain

RIPE STRAWBERRIES 90 DAYS AFTER PLANTING

ALL SUMMER—ALL FALL—ALL OF NEXT YEAR—ALL FROM ONE PLANTING

10 Good Reasons for Planting Whitten-Ackerman's Mastodon

- 1—There is only one true Mastodon—the Introducer's Original Strain—we have it.
- 2—The largest Everbearer grown.
- 3—Bears three crops from one planting.
- 4—Produces full crop in late autumn, when other kinds are out of season.
- 5—Grown easily with no special soil or culture.
- 6—Berries of large, uniform size from beginning to end of season.
- 7—Fruits continuously until freezing weather.
- 8—Withstands dry weather better than other everbearers.
- 9—Bears full crop next spring after planting.
- 10—First ripe berries 90 days after planting.

Every Mastodon plant sold by us bears our guarantee of Genuineness and Satisfaction. Do not be misled into paying fancy prices for this variety, but let us reserve yours now at one of the lowest prices available for true-to-name stock. (See page 41 for prices on all quantities of Mastodon).

Complete EVERBEARING STRAWBERRY GARDEN

Only \$3.00

100 MASTODON }
50 IMPERIAL }
50 CHAMPION }

The World's
Best
Everbearers

Postpaid Anywhere
in United States

Just ask for "Complete Everbearing Strawberry Garden." Price Net, Subject to No Discount or Free Plant Offer, and for Cash With Order Only.

Returning Prosperity Demands Economical Buying—We Can Help You



R. C. Whitten.



R. W. Ackerman.

Have you, like so many others, felt in some way the effects of the business depression of 1930? If not, you may well be considered unusually fortunate. In all walks of life, there are few who have not been influenced by it to a greater or less extent. Farm crops and manufactured products alike, with few exceptions, have been marketed at lower prices—wages have been decreased; but taken all in all, the great buying power of the country has not been lessened. The American buyer still exerts the same powerful influence as in the past—he still has money to spend, but he's spending it wisely, and in the places where his dollars will go the farthest. These assertions are substantiated by statistics recently compiled which show that today the total of savings deposits in banks throughout the country is far greater than a year ago.

One great lesson learned from the unsettled conditions of the past few months is the wisdom of economical buying and spending. This does not mean that we should deny ourselves the necessities of life, nor the things which

lead to the improvement and increased happiness of the home; but rather that these purchases should be made with thought and consideration of the actual values received for the prices paid.

In this respect, we are making an even greater effort than ever before to give our customers the biggest value for every dollar spent with us, and a comparison of our prices with those of other nurseries offering stock of equal grade and quality will, we believe, convince you that nowhere else can you get more for your money. Customers who have dealt with us before know this to be a fact—not only this year, but every year.

We have in our files hundreds of letters from customers in all parts of the country, marveling at our ability to furnish trees and shrubs of such wonderful size and quality at the low prices asked. Mr. Hugh Hammond, of Spring Lake, Mich., says, "I have been growing trees for the past forty years, and believe yours are the cheapest I have seen, quality considered." Miss L. C. Hutchins, of Hollywood, Md., tells us, "Yours are the largest trees any nursery has ever sent me." Mr. I. M. Kiehl, of Larimer, Pa., another satisfied customer, writes in to say, "I am always delighted with both quality and size, as well as price, of anything I buy of you." Another letter along the same line is from Dina T. Arentsen, of Oostburg, Wisc., "Your shrubs are surely fine, and the largest I have ever received. Why, I never expected to get such large ones."

Your order placed with us this year will bring you the same pleasure and satisfactory results that have been enjoyed by our thousands of customers in the past. Remember, we sell at Wholesale Prices Direct to the Planter—an opportunity for you to save at least 20% to 40% on all purchases made.

Why We Can Sell at Wholesale Prices

Perhaps you are wondering how any concern can possibly sell strictly high grade trees, plants and shrubs at the low prices we ask; but if you have never bought from us before, a trial order will quickly convince you that our stock is all more than we claim for it. There is no secret attached to our policy of giving the customer the most quality for the least cost. Here's just why we can do it:

1st.—You have already noticed the entire absence of color from this catalog, of which more than 400,000 copies are being mailed throughout the entire United States. This same book printed in natural colors would have cost thousands of dollars more. Who pays for the colored catalog? The customer. We've saved that expense to divide among you.

2nd.—Another big saving. Buying no large advertising space. Some large nursery advertisements now appearing cost from five to ten thousand dollars for just one insertion. Who pays for these big advertisements? The customer.

3rd.—By selling direct through our catalog to planters. We have no agent's commission, which would amount to at least one-fourth of your order.

However, our many economies don't end with what we can save on catalogs and advertising. That's just the beginning. "Quality with Economy" is our watchword from one year's end to the other. With us quality is always the first consideration; but we are always "on the job," cutting the corners here, and avoiding waste there, so that by the end of the year we are able to effect a big saving in both production and sales costs.

For the Garden Lover Amateur or Professional

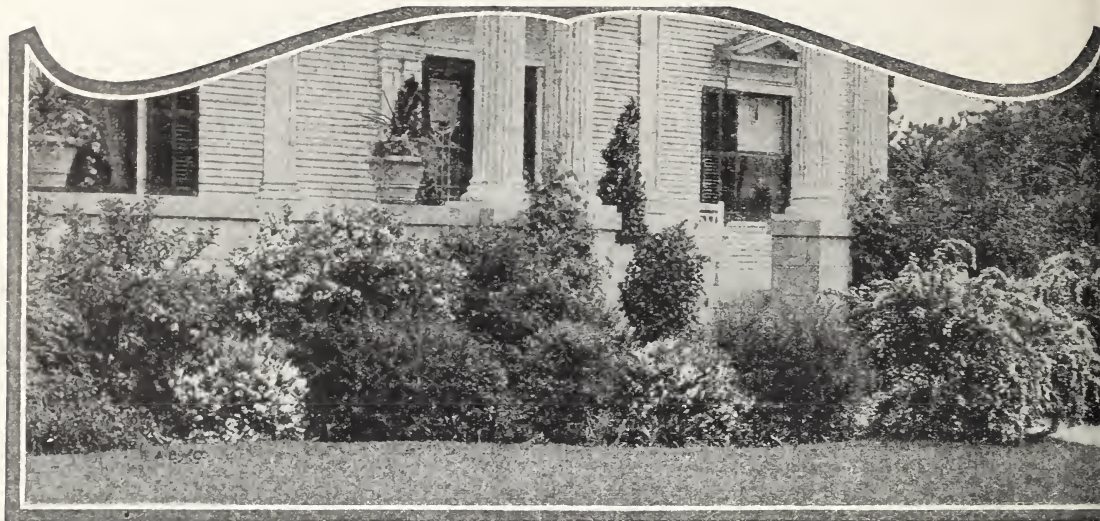
The American Landscape Architect is a magazine devoted exclusively to Gardening, Landscaping and Exterior Beautification. Published monthly, profusely illustrated, size 9 3/4 by 12 3/4 inches, it is regarded by many as the best periodical literature in its field.

All articles are from original sources, secured through the efforts of nine leading professional landscape architects who serve as field editors. No one interested in gardening should be without this most helpful and instructive publication. Subscription price, \$5.00 per year in U. S. A. Mail your subscription and remittance direct to The Whitten-Ackerman Nurseries, Bridgman, Mich.

A \$5.00 Subscription Included with \$15.00 Cash Orders

Through unusually fortunate arrangements with the Publishers, we are able to offer our customers a year's subscription to The American Landscape Architect as a special premium with orders amounting to \$15.00 or more if same are accompanied by cash in full, and providing customer selects this \$5.00 subscription instead of our usual 10% cash discount. If the 10% discount is deducted, you are not entitled to the magazine as a premium. Special Net Bargain Collections Not Included in This Offer. At least \$15.00 of your order must consist of stock bought at full catalog prices. Be sure to mention when ordering if the magazine is wanted. Allow at least 30 days for first copy to reach you. Take advantage of this wonderful offer now, as the next few issues will be of invaluable assistance to you in successfully carrying out your planting plans.

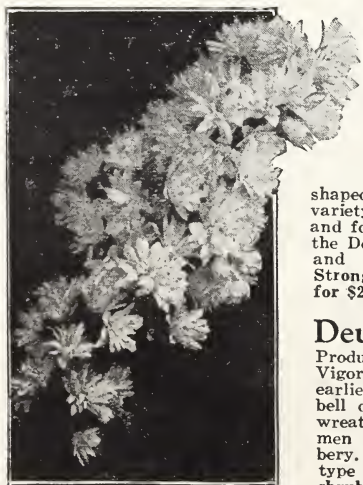




ORNAMENTAL SHRUBS



Althea; Rose of Sharon.



Deutzia, Pride of Rochester.

Althea (Rose of Sharon). Beautiful shrublike tree blooming late in August and September with a profusion of large and brightly colored flowers, much like the Hibiscus in form. They attain ten to twelve feet in height, and make attractive specimens. Foliage particularly pleasing. Your choice of White, Purple, Red or Pink, 2-year, 18-24 inch size, 20c each; 6 for \$1.00; 12 for \$1.85; or \$16.00 per 100. Mixed colors only, 2-year, 18-24 inch, 15c each; 6 for 85c; 12 for \$1.65; or \$12.00 per 100.

Buddleia (Butterfly Bush, or Summer Lilac). One of the most admired and sought after of shrubs. Of quick bushy growth. When the lovely spikelike blooms appear in July, the shrub, which had probably died down nearly to the ground during Winter, is now a perfect specimen of about five feet, radiating a delightful perfume and glowing with the tints and flower shape of the spring lilacs. Strong, 2-year, No. 1 bushes, 30c each; 6 for \$1.65; 12 for \$3.00; or \$20.00 per 100.

Deutzia Gracilis (Slender Branch). Dwarfest growing of all Deutzias; dense and bushy. Its drooping branches are wreathed with pure white flowers in May. An excellent edging shrub, particularly attractive when studded with its covering crop of bead-like buds. Does very well in shade. A beautiful shrub that should be represented in every planting. Strong, 2-year, 15-18 inch shrubs, 40c each; 6 for \$2.10; 12 for \$3.85; or \$30.00 per 100.

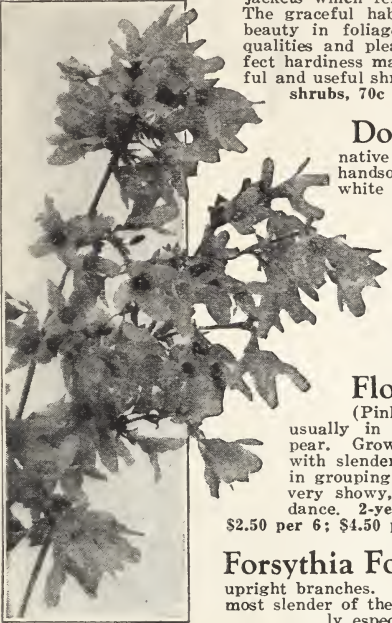
Deutzia Lemoine Medium large flowers of pure white, borne in cone-shaped heads. This is the principal intermediate variety between dwarf and tall growing types, and for this reason is one of the most popular of the Deutzias. It attains about 4 feet in height, and is especially useful in partial shade. Strong, 2-year, 18-24 inch shrubs, 40c each; 6 for \$2.10; 12 for \$3.85; or \$30.00 per 100.

Deutzia, Pride of Rochester Produces large, white flowers, tinged with rose. Vigorous grower, profuse bloomer. One of the earliest to blossom. Blooms hang in dainty bell or tassel-shaped flowers borne thickly in wreaths along their branches. Useful for specimen groups or background for other shrubbery. Very hardy and adapts itself to any type of soil. Strong, 2-year, 18-24 inch shrubs, 13c each; 6 for 75c; 12 for \$1.40; or \$11.00 per 100.



Buddleia, or Butterfly Bush.

Beauty Bush (*Kolkwitzia amabilis*). A wonderful new, and as yet, very rare ornamental shrub, originating in the wilderness of China. Lovely and graceful, and finer than any weigela ever offered. Covered early in May with the utmost profusion of bloom. The individual flowers are rather small, lipped something like a foxglove, clear pink with brownish spots and veins. The flowers are produced along the entire length of the branches in clusters at the ends of the short, leafy shoots, and are borne in such profusion that the bush is one cloud of delicate pink. The tiny rose colored buds are fascinatingly hooded with fuzzy jackets which remain to decorate the seed pods. The graceful habit of the bush, its year-round beauty in foliage and habit, its free-flowering qualities and pleasing color, combined with perfect hardiness make this one of the most beautiful and useful shrubs. Strong, 2-year, 12-15 inch shrubs, 70c each; or 3 for \$1.90.



Forsythia.

Dogwood (*Cornus paniculata*). One of the best native shrubs; free flowering; very handsome when in bloom, and with its white fruits on red peduncles in the fall, which attract great numbers of birds. The mass of highly colored branches enlivens the prevailing somberness of shrubbery in the winter. Excellent for use where extensive shrub groups are required in an expanse of green foliage. Strong, 2-year, 2-3 ft. size, 30c each; or 3 for 75c.

Flowering Almond

(Pink). Early spring-flowering shrub, usually in full bloom before leaves appear. Growth dwarf and bushy, compact, with slender branches. Fine plants to use in grouping or for the lawn. Flowers are very showy, and produced in great abundance. 2-year, 18-24 inch bushes, 45c each;

\$2.50 per 6; \$4.50 per doz.

Forsythia Fortunei An erect growing type with slender, upright branches. Fortunei grows the tallest and most slender of the Forsythias, and is consequently especially desirable for tall background. One of the best shrubs we know of for this purpose. Strong, 2-year, 18-24 inch shrubs, 15c each; 80c per 6; \$1.40 per 12; or \$11.00 per 100.



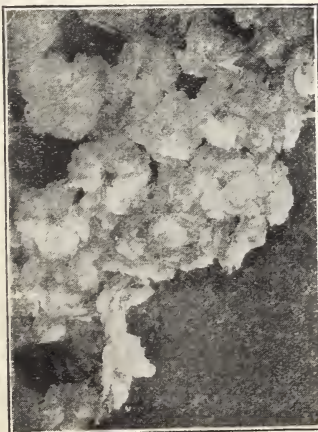
Golden Elder.

Forsythia Intermedia

The earliest blooming. These splendid old shrubs light up the garden with glinting masses of yellow very early in the spring, and before the leaves appear. Their bright golden flowers, often appearing before the snow is gone, vie with the crocus as harbingers of spring. Thrives in any locality. Strong, 2-year, 18-24 inch bushes, 13c each; 6 for 70c; 12 for \$1.30; or \$10.00 per 100.

Golden Elder

(*Sambucus nigra aurea*). A variety with golden yellow foliage. Planted among shrubs of green foliage, it forms a pleasing contrast, adding tone and character to the planting. The flowers are white, in flat-topped cymes, in early summer. Grows naturally 6 to 8 feet high, but should be pruned back severely each spring to secure denser and brighter foliage. Strong, 2-year, 2 to 3 ft. shrubs, 40c each; 6 for \$2.30; 12 for \$4.00.



Pink Flowering Almond



Beauty Bush.



Deutzia Lemoine.



Hydrangea Arborescens.

Hydrangea A. G. (Hills of Snow). The flowers are similar to the familiar "Snowball" in appearance, with their large, flat clusters of bloom in June and July. The most hardy of the Hydrangeas, and especially useful for shady places. Excellent for solid low borders or in foundation plantings. Strong, 2-year, 18-24 inch bushes, 35c each; \$1.75 per 6; \$3.35 per doz.

Hydrangea P. G. The most conspicuous shrub in any collection during August and September. It is easy to grow, never fails to bloom the first season planted, and produces in abundance immense clusters of greenish white flowers, which gradually change to white, and later to a delicate pink. Valuable for winter decoration if flowers are allowed to dry on bush. Strong, 2-year, 18-24 inch bushes, 35c each; \$1.75 per 6; \$3.35 per doz.

Medina, Ohio, April 15, 1930.

Gentlemen: My order for shrubs came in fine condition, and are choice specimens. Many thanks for your excellent service.

Yours respectfully,

C. B. LOWE.



Tree Hydrangea.

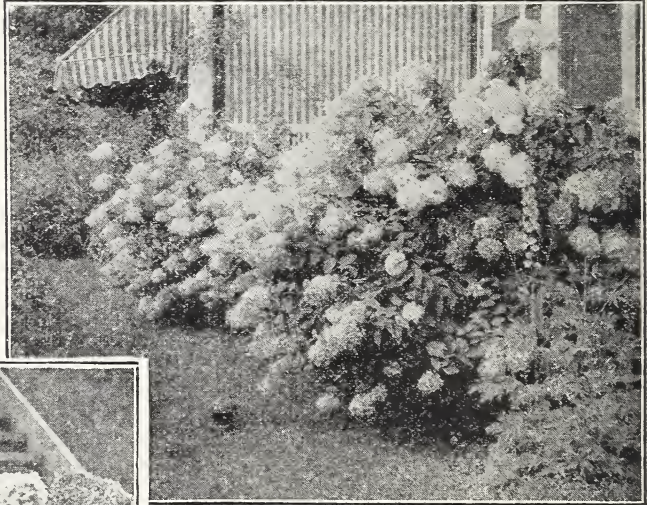
High Bush Cranberry (*Viburnum opulus*). A magnificent shrub, of upright and spreading form, with smooth, light grey branches. The leaves are broad, oval, three-lobed and bright green. Produces small, white flowers which are borne in broad, flat clusters surrounded by a ring of large, sterile flowers. These are followed by very showy, scarlet berries, which cling to the bush all winter. Grows 8 to 10 feet high. Strong, 2-year, 18-24 inch bushes, 55c each; \$3.00 for 6; \$5.50 per doz.



High Bush Cranberry.

Honeysuckle, Pink Tartarian The finest and best known of the bush Honeysuckles. Has somewhat spreading branches, and bright green foliage. The flowers are of bright pink color, followed by red berries which ripen in midsummer and cling to the bush for several weeks. 2-year, 18-24 inch size, 15c each; 75c for 6; \$1.45 for 12; \$11.00 per 100.

Honeysuckle, Korolkowi (Blue Leaf Honeysuckle). A choice new variety, much the same twiggy, dense, small-leaved, drooping habit and general appearance as *Spiraea Van Houttei*, attaining similar proportions. The light pinkish flowers are not so conspicuous as are the dark red fruits, and the foliage is consistently colored a distinct blue-green, especially pronounced and contrasted early in the summer. So far quite rare, and usually sold at higher prices than those at which we are offering it. Strong, 2-year, 18-24 inch bushes, 60c each; \$3.30 for 6; \$6.00 per doz.



Hydrangea Paniculata Grandiflora.

TREE FORM Hydrangea P. G.

Every one guaranteed to be of the true P. G. type. Beautiful, well developed trees, every one individually wrapped to reach you in good condition. Good roots and plenty of branches. Ready to jump right in and grow. We don't need to tell you where to plant them. They're beautiful anywhere. We offer them in two sizes, both bargains at the prices we ask. 2-year, 3-4 ft., 90c each; or 3 for \$2.55. 2-year, 4-5 ft., \$1.25 each; or 3 for \$3.30.



**\$5.00 Subscription to
American Landscape Architect**

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10% Discount on All Shrubbyery When All Cash Accompanies Order

Purple Lilac; Common

One has to travel far to find anything that can outclass the old-fashioned purple Lilac for sheer attractiveness, when in early spring its branches are a mass of gorgeous bloom and solid color, filling the air with its rich fragrance. Be sure to plant a few this spring. They grow fast, and will be blooming before you know it. Heavy, 2-3 ft. shrubs, 20c each; 90c per 6; \$1.65 per doz.; \$12.00 per 100.

Persian Purple Lilac. 

Common Purple Lilac. (Below).



for many years. It far excels any other Mock Orange in form and beauty. Virginalis

has unusually large, semi-double blooms, pure white, sweetly scented, appearing in clusters of five to seven. Closely resembles a bride's bouquet of orange blossoms; ranks among the best for cutting. Blooms in June and continues over a long period. A vigorous, tall grower, used with striking effect as a hedge; also makes wonderful individual specimens. Heavy, 2-year, 2-3 ft. bushes, 60c each; \$3.20 for 6; \$5.65 per doz.

Japan Quince

(Burning Bush). Very early in the spring this fine, attractive shrub is completely covered with dazzling scarlet flowers, followed by small, quince-shaped fruits that are quite fragrant. The foliage is a dark, glossy green. A very desirable shrub. Strong, 2-year, 18-24 inch shrubs, 35c each; \$1.90 per 6; \$3.50 per doz.



Japan Quince.



Lilac, Persian Purple

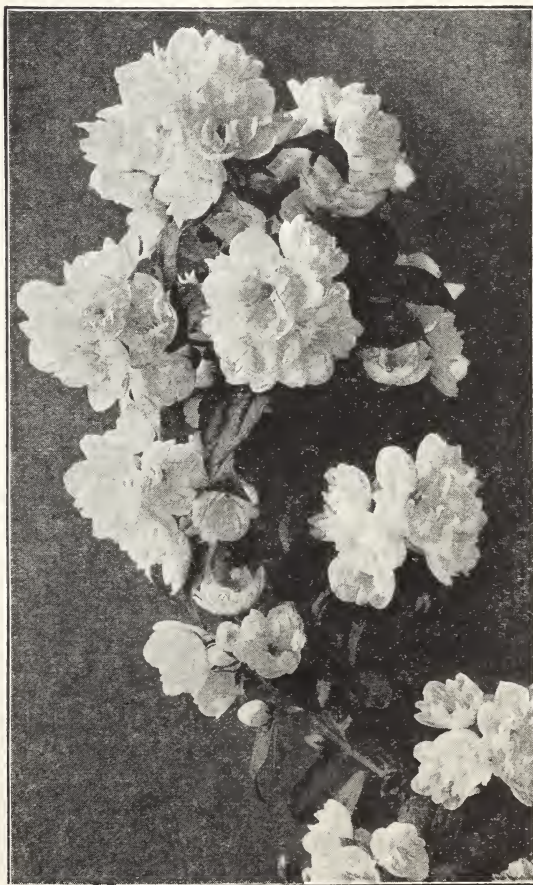
A decided improvement over the common Lilac. A shrub with slender, arching branches, attaining a height of 5 to 10 feet. The foliage is small, the flowers bright purple. Blooms in May and June. A much more profuse bloomer than the common, and does not sprout so much from the roots. We consider the Persian much preferable for flowers. Fine, 2-year, 2-3 ft. shrubs, 40c each; \$2.20 per 6; \$3.80 per doz.

Philadelphus Glaciar

A double flowering Philadelphus of an unusually attractive type. Flowers are a rich cream color, produced in thick clusters of six or seven, giving the effect of one enormous double flower. Only grows to a height of about five feet, and for this reason can be used to good advantage when taller varieties would be entirely out of place. Selected by us as one of the very best, and should be included in every home planting. Strong, 2-year, 2-3 ft. bushes, 30c each; \$1.65 per 6; \$3.00 per doz.

Philadelphus Coron-

arius A tall, hardy and vigorous bush. One of the best and most popular shrubs. Of good form, growing 8 to 10 feet tall. Blooms among the earliest, in very graceful sprays, the long branches being covered with a profusion of large, white flowers which are delightfully fragrant. 2-year, 2-3 ft. shrubs, 14c each; 6 for 75c; 12 for \$1.35; 100 for \$10.50.



Philadelphus Virginalis.



Japanese Snowball.

Snowball, Japanese (*Viburnum plicatum*). An erect, compact type, reaching a height of 6 to 8 feet. Foliage is a mass of purple tinted leaves, giving unusually attractive appearance, even when not in bloom. Bears a mass of ovoid corymbs in June. One of the very best of the Snowballs. 2-year, 18-24 inch shrubs, only 70c each; \$3.90 per 6; \$7.20 per doz.

Pussy Willow (*Salix discolor*). A large, treelike shrub with attractive leaves two inches long

by an inch wide. Its popular appeal is the conspicuous silky catkins which bud in the fall and make such delightful, springlike bouquets just as the snow is melting away. Pussy Willow should be a part of every garden planting. We offer strong, 2-yr., 3-4 ft. bushes at an unusually low price of only 35c each; \$1.90 for 6; \$3.60 per doz.

Rhus Cotinus (Smoke Tree or Purple Fringe). Unique, spreading, treelike shrub with large leaves. Overhung in midsummer by cloudlike masses of mistlike flowers

having the appearance of smoke. Foliage changes to a brilliant red and yellow in autumn. Good as a single specimen on the lawn, or to mass with tall shrubs. Good, 2-year, 18-24 inch specimens, 60c each; \$3.20 for 6; \$5.65 per doz.

Common Snowball (*Viburnum opulus sterile*). The well known, common Snowball. An old favorite, and without doubt one of the best of the flowering shrubs. All of the flowers are sterile and radiant, and appear in numerous, compact balls. As specimen plants the Snowballs have no rivals, and for grouping and massing make possible many charming effects. Heavy, well branched, 2-year, 18-24 inch bushes, 50c each; \$2.70 per 6; \$4.80 per doz.

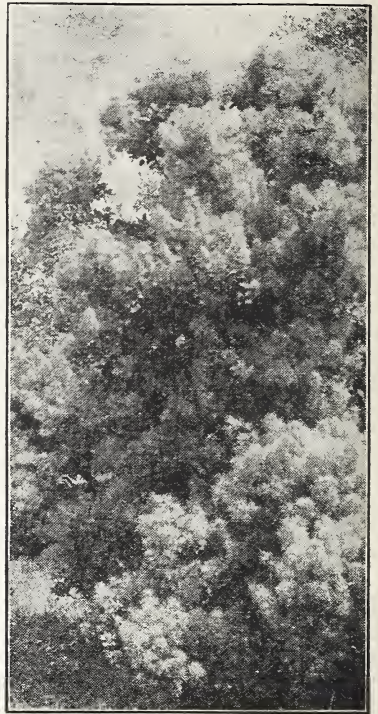
Snowberry

(*Symphoricarpos racemosus*). A desirable shrub with small, pink flowers, followed by large, white, waxlike berries, which hang on the plant through most of the winter. Is very showy and succeeds everywhere. Of special value for planting in densely shaded places, where few other shrubs will grow. Grows to a height of 3 to 4 feet. 2-year, 18-24 inch plants, 25c each; \$1.35 per 6; \$2.65 per doz.

Stoneboro, Penna.,
April 25, 1930.

Gentlemen: Your shipment came through in fine shape, and as fine a lot of nursery stock as one could get. Very well pleased with the entire lot.

A. D. SHERIFF.



Smoke Tree or Purple Fringe.



Pussy Willow.



Common Snowball.



Spirea Billiardi.

Spirea Billiardi

A grand shrub for group or mass planting. Has dense spikes of rose-pink flowers that crown sparsely twigged, erect branches. Very pretty and showy; also an excellent cut flower. Blooms from July to September. Grows four to five feet high. One of the most attractive of all the Spireas. Strong, 2-yr., 18-24 in. bushes, 30c each; 6 for \$1.50; 12 for \$2.40; or \$20.00 for 100.

Spirea Anthony Waterer

A dwarf variety, growing 15 to 20 inches high, covered with large heads of crimson flowers. Foliage is very handsome, being variegated with creamy white or yellow. If flowers are removed as they fade, it will cause the plant to keep up a continuous bloom until freezing weather occurs. Strong, 2-year, 15-18 inch shrubs, 35c each; 6 for \$2.00; 12 for \$3.75.



Spirea Anthony Waterer.



Korean Spirea.

Korean Spirea (*Spirea trichocarpa*). This handsome new shrub was discovered in Korea, and has been enthusiastically admired by all who have seen it since its introduction to America, and has been acclaimed the best of all the Spireas. It is a splendid, healthy plant, growing, when matured, 4 to 6 feet tall, and even greater in diameter, forming a big, dome-shaped bush covered in its season with large, rounded clusters of snowy flowers marked with darker eyes. It is hardy as far north as Montreal, and is most attractive in habit and foliage, even when not in bloom. It is more robust and blooms two weeks later than the familiar Spirea Van Houttei, and is far more desirable. It retains its beautiful glossy green foliage late into the autumn. Our price for strong, 2-year, 18-24 inch bushes, only 60c each; \$3.30 for 6; \$6.00 per doz.

Spirea Van Houttei Finest of all the Spireas, giving a most graceful appearance when out of bloom. The flowers are pure white, and borne in dense clusters along the whole length of the branches. Excellent as a hedge plant, or for grouping with other shrubs. Well branched, 2-year, 18-24 inch bushes, 14c each; 6 for 75c; 12 for \$1.35; 50 for \$5.50; \$10.00 per 100. Heavy, 2-3 ft. bushes, 25c each; 6 for \$1.35; \$2.50 per doz.; \$9.50 per 50; or \$18.00 per 100.



Spirea Van Houttei.

Spirea Aurea (Golden Spirea). A strong, upright grower, attaining a height of 8 to 10 feet, although the branches are loaded with a mass of bloom in June that makes the branches droop somewhat. The young foliage is a bright yellow, changing to golden bronze in the autumn. Our price for strong, 2-year, 18-24 inch bushes, only 30c each; \$1.50 for 6; \$2.40 for 12; or \$20.00 per 100.

Spirea Callosa Rosea A dwarf Spirea, producing large flat clusters of reddish pink flowers nearly all summer. An especially desirable Spirea on account of its long blooming habit. Strong, 2-year, 12-18 inch bushes, 20c each; \$1.05 for 6; \$1.80 for 12; \$12.00 per 100.

\$5.00 SUBSCRIPTION TO AMERICAN LANDSCAPE ARCHITECT for a full year included with \$15.00 cash orders. See page 3 for full details.



Weigela Candida.

Weigela Candida

A choice variety growing to a height of 4 to 6 feet. Blooms in profusion during June and to some extent all summer. Flowers are pure white. Strong, 2-year, 18-24 inch bushes, 35c each; \$1.80 per 6; \$3.25 per doz.

Weigela Eva Rathke

A charming new variety. The most distinct and one of the most attractive. Of smaller growth than the other Weigelas, only reaching a height of 3 to 4 feet, and spreading in character. Flowers are a brilliant crimson, and when blooming in June is exceedingly showy. Blossoms twice in one season. Strong, 2-year, 18-24 inch bushes, 45c each; 6 for \$2.40; \$4.20 per doz.



Weigela Eva Rathke.

Weigela Rosea This is one of the most popular of all the Weigelas. A tall growing, vigorous sort with deep pink flowers, trumpet shaped, that are borne thickly along the stem in greatest abundance during June and more sparingly at intervals throughout the summer. 2-year, 18-24 inch plants, 20c each; \$1.10 for 6; or \$1.90 per doz.



Weigela Rosea.

Tamarix Africana Tall shrubs, 8 to 10 feet tall, fine, feathery foliage like the Juniper. Small, unusually bright pink flowers, in slender racemes in April and May. Splendid for planting in damp or other places. 2-year, 18-24 inch specimens, only 25c each; \$1.35 per 6; \$2.50 per doz.



Tamarix Africana.

Gator-Hide Mulch Paper

THE ORIGINAL MULCH PAPER—
IMPROVED THIS YEAR, AND
BETTER THAN EVER BEFORE



Can be used in continuous lengths, or when cut in 18-inch squares is ideal for use in planting individual shrubs. We offer a Special Trial Roll, 45 feet long by 18 inches wide, heavy weight paper, POSTPAID FOR ONLY \$1.10, NET (No disc't). Full instructions for application and use with each roll. Include a roll or two with your order—You'll be delighted with results secured. (No Canadian orders accepted).

This paper is licensed for use in the 37 states east of Colorado and in Canada east of Saskatchewan, under the patents of the inventor of mulch paper.

10% Discount on All Shrubby When All Cash Accompanies Order.

HEDGE PLANTS

Amoor River North Privet One of the best hedge plants because of its extreme hardiness. It is of similar form and habit to the well known California type, but much hardier. Of fine, upright growth with lustrous dark green foliage, nearly evergreen. Grows quickly, making a hedge the first year, and succeeds in practically all soils. Especially valuable for hedges and borders in cold or exposed locations. When planting cut back to four inches above ground to make hedge bushy at bottom.

California Privet One of the very finest all-purpose hedges, and the most beautiful grown. A pretty shrub with smooth, shining leaves of unusual beauty. There are many plants that may be used for the ornamental hedge with excellent results, but the great demand for California Privet proves it to be the most popular of all hedge plants. It grows better and with less care than any other hedge that can be planted, and thrives in almost any soil. Equally pretty for shrubs and in group planting. Shears splendidly to any shape or form. Sometimes subject to Winter injury in the coldest climates.



Amoor River Privet Hedge.



Japanese Barberry.

Japanese Barberry

(Berberis Thunbergi). Immune from rust. There is no shrub so generally planted or more practical for all purposes where foliage effects are desired. It is dwarf growing, uniformly bushy and rounded in form, numerous leaves covering thorny twigs. As a filler, edging for other shrubbery, as foundation screen in front of porches, as a hardy, low hedge it is unsurpassed. Foliage graduates from brightest to richest green throughout the Spring and Summer, while Autumn turns them into a blaze of crimson, scarlet and gold. Following the creamy white flowers are oval red berries which gleam along every branch in late Fall, and far into Winter.

PRICES OF HEDGE PLANTS

	Each	Per 6	Per 12	Per 25	Per 50	Per 75	Per 100
Amoor River North Privet, 2-year, 18-24 inch	\$0.10	\$0.55	\$1.05	\$2.00	\$3.85	\$5.75	\$ 7.50
Amoor River North Privet, 3-year, 2-3 feet .....	.15	.75	1.45	2.80	5.40	8.05	10.50
Barberry, Thunbergi, 1-year, Hedging .....			.80	1.45	2.65	3.50	4.50
Barberry, Thunbergi, 2-year, 18-24 inch .....	.18	1.00	1.90	3.85	7.50	10.85	14.00
California Privet, 2-year, 2-3 feet .....	.10	.50	.95	1.85	3.50	5.00	6.50
Ibota Privet, 2-year, 18-24 inch .....	.14	.80	1.55	3.20	6.25	9.20	12.00
Red-Leaved Japanese Barberry, 1-year, Hedging Size .....	.30	1.50	2.75				
Red-Leaved Japanese Barberry, 2-year, 12-15 inch .....	.55	3.00	5.50				

Red Leaved Japanese Barberry

The greatest really worth while, and most outstanding novelty of a lifetime. A new introduction offered for the first time two years ago, and which is still available in very limited quantities only.

Excepting color of foliage, it is similar in all respects to the green-leaved Japanese Barberry, so popular for hedgings, shrubbery borders, group plantings, or as single specimens on the lawn. Its foliage, however, as it develops in early spring, assumes a deep, bronzy red color, similar to the richest red-leaved Japanese Maple, which it retains until fall when it changes to vivid orange, scarlet and red shades, far more brilliant than the ordinary Japanese Barberry. This unrivaled coloring is followed by the same scarlet berries common to the type, which remain on the plant throughout the entire winter.

Be sure to plant in full exposure to the sun to most fully develop its brilliant coloring at all seasons.

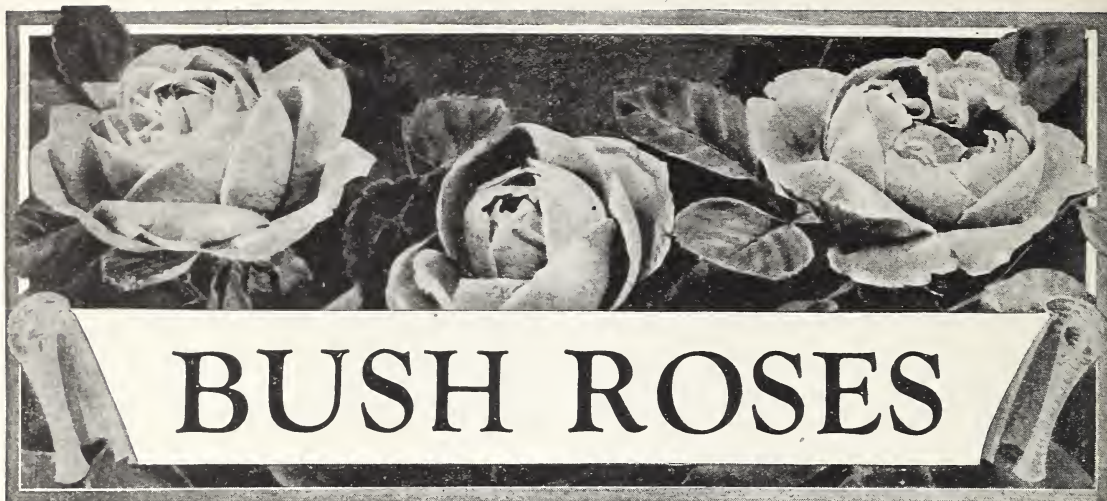
Ibota or Japanese Privet

A native of China and Japan. This hardy variety has large and distinct foliage, grayish green in color, with large, white, fragrant flowers in profusion in early summer, followed by bluish black berries. Makes up into striking tall clumps or informal screening hedges, with widespread curving branches; very vigorous and hardy, safely withstanding zero weather. Ours is the true spreading type.



Red-Leaved Barberry.

Big Additional Discount on Early Cash Orders. See Page 50.



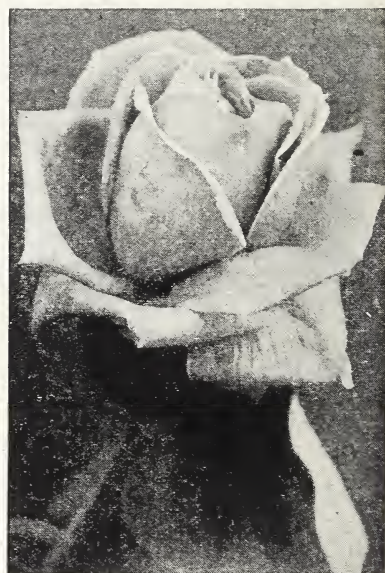
Betty Uprichard (Hybrid Tea). A charming type with rolling edges, a blend of deep toned carmine with coppery orange; the interior being mostly delicate salmon-pink. Very choice. Strong, 2-year, field-grown bushes, only 75c each; 3 for \$2.10; 10 for \$6.50.

Briarcliffe (Hybrid Tea). A bright, clear shade of rose-pink. Typical of the old Columbia, but vastly improved. A high pointed center with exceptionally perfect flowers, sweetly scented. A vigorous, hardy grower. Dark, rich foliage, resistant to mildew. One of the best. Strong, 2-year, field-grown bushes, only 75c each; 3 for \$2.10; or 10 for \$6.50.

Chas. K. Douglas (Hybrid Tea). A very fine English Rose of vigorous, upright growth. Flowers are large, semi-double, brilliant light crimson with scarlet undertone; very fragrant and produced in great numbers throughout the season. Strong, 2-year, field-grown bushes, only 75c each; 3 for \$2.10; or 10 for \$6.50.

F. J. Grootendorst (The Baby Rambler Rugosa Rose). Typical rugosa foliage and habit; compact, bushy growth. On account of its remarkable bloom and superior bush character, deserves prominent exhibition, either as a single specimen or in a separate massed group. Bloom is in clusters of oversized, double red flowers, produced from early summer until fall. Strong, 2-year, field-grown bushes, only 75c each; 3 for \$2.10; or 10 for \$6.50.

Frau Karl Druschki (Hybrid Perpetual). Very large, perfect form and snow-white; a vigorous grower, and a free bloomer. Strong, 2-year, field-grown bushes, only 45c each; 3 for \$1.25; or 10 for \$3.75.



Betty Uprichard.



Briarcliffe.

Gruss An Teplitz (Hybrid Tea). Bright scarlet, shading to velvety crimson; fragrant; free grower and most profuse bloomer. Beautiful foliage. Strong, 2-year, field-grown bushes, only 40c each; 3 for \$1.05; or 10 for \$3.25.

Lady Hillington (Hybrid Tea). Strong pale yellow when open, with an added orange tint. The beautiful, well developed shape of both buds and blossoms makes this one of the most attractive yellow Roses. Strong, 2-year, field-grown bushes, only 50c each; 3 for \$1.35; or 10 for \$4.00.

Los Angeles (Hybrid Tea). Beautifully shaped, fragrant flowers of pale salmon-pink, richly shaded with deep rose and gold. Flowers large and continuous. Extremely popular with everyone for its beauty and fragrance. Strong, 2-year, field-grown bushes, only 45c each; 3 for \$1.25; or 10 for \$3.75.

Mme. Edouard Herriot (Pernetiana). A most individual Rose with unsurpassed and unique coloring. Commonly known as "Daily Mail." Its color is a glorious commingling of terra cotta, bronze, geranium-red and dull copper; fine, long, pointed buds of coral-red and yellow. Strong, upright growth. Strong, 2-year, field-grown bushes, only 50c each; 3 for \$1.35; or 10 for \$4.00.

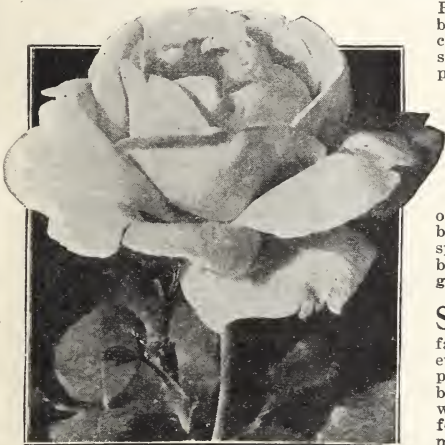
Golden Dawn (Hybrid Tea). A magnificent new Rose from Australia, first introduced in 1929, of an exquisite light lemon-yellow color. Field trials with it during the past two years have been so successful that it has been declared an ideal garden Rose of great merit. Its buds are of an ovoid form, heavily splashed with crimson before opening, and developing into splendidly shaped, full double, fragrant flowers, which are of uniform color, and which are suggestive of the name Golden Dawn. The plant is of strong, vigorous, upright branching habit, with large, glossy, healthy, green foliage, and very free flowering. We recommend this in every way. Strong, 2-year, field-grown bushes, only 75c each; 3 for \$2.10; or 10 for \$6.50.

Mrs. Aaron Ward (Hybrid Tea). Very distinct, coppery orange in the bud, golden orange when partly developed, and pinkish fawn when fully opened. Flowers semi-double, cup-shaped and of splendid form; very fragrant. Bush blooms continuously until frost. Magnificent foliage. Strong 2-year field-grown bushes, only 50c each; 3 for \$1.35; or 10 for \$4.00.

Paul Neyron (Hybrid Perpetual). The largest Rose in cultivation. Often produces blooms five inches in diameter. Color bright cerise-red. Very fragrant. Grows strong and healthy, with clean, glossy foliage. June until late October. Strong 2-year field-grown bushes, 45c each; 3 for \$1.25; or 10 for \$3.75.

Pink Radiance (Hybrid Tea). Extra hardy, vigorous and prolific; one of the best all-round garden

Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper. The two Radiance varieties are always in bloom; at home in every section of the country. Strong, 2-year, field-grown bushes, 50c each; 3 for \$1.35; or 10 for \$4.00.



Red Radiance.

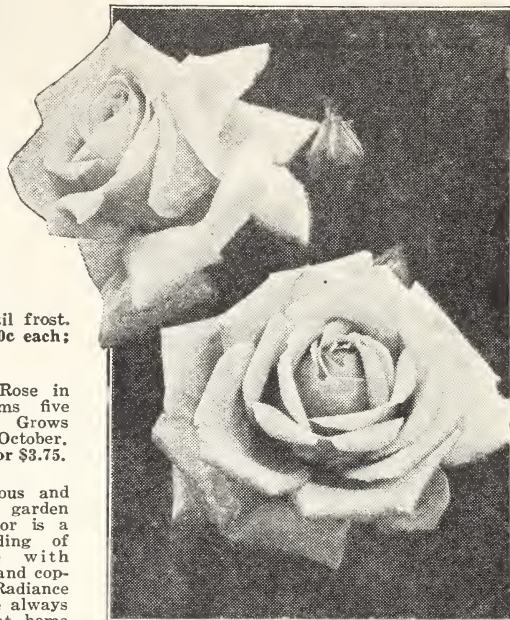
siderably higher prices than our low offer of strong, 2-year, field-grown bushes, at 65c each; 3 for \$1.75; or 10 for \$5.25.

Talisman (Hybrid Tea). The most remarkable piece of coloring known in any Rose, and the most astounding Rose novelty produced in many years. Its brilliant orange-red buds open to a large, fragrant, high-pointed bloom of glowing golden yellow stained with copper-red and orange-rose on inside of petals. As the flower develops and petals unfold, they become bright apricot-gold, deep rose-pink or old rose, and, unlike most Roses, the color becomes brighter as the flowers develop. The most magnificently colored flower ever seen, arousing astonishment and admiration everywhere. Plants are vigorous and healthy growers, having withstood severe winters with little protection. Our stock of strong, 2-year, field-grown bushes priced exceptionally low at 90c each; 3 for \$2.55; or 10 for \$8.25.

Rosa Hugonis (Golden Rose of China). Recently introduced from China, and unlike any other Rose. Has a shrublike manner of growth, and naturally forms symmetrical bushes about 6 feet high, and the same in diameter. Its single, delicate flowers, ranging in color from deep gold to canary, are produced on long, arching sprays early in May, making Hugonis a shimmering mound of gold, every branch of the previous season's growth becoming lined on both sides to the very tips with the attractive flowers. Strong, 2-year, field-grown bushes, at 55c each; 3 for \$1.50; or 10 for \$4.50.

\$5.00 SUBSCRIPTION TO AMERICAN LANDSCAPE ARCHITECT

For a full year included with \$15.00 cash orders. See page 3 for full details.



Golden Dawn.

Red Radiance (Hybrid Tea). The flowers are large, globular, of an even shade of clear red, without a trace of any other color, retaining its vividness for an unusually long time after being cut. It is a remarkable bloomer, being constantly in flower from early spring until freezing weather. Strong, vigorous branching grower, each branch terminating in a large, bold, double bloom. Strong, 2-year, field-grown bushes, 50c each; 3 for \$1.35; or 10 for \$4.00.

Souv. de Claudius Pernet (Pernetiana). See illustration on front cover. The most satisfactory yellow Rose ever produced. Flowers are a strong, sunflower-yellow, even deeper toned at center. Its flower form is large and full with elongated petals; the buds long and pointed. In growth it is vigorous, erect and branching, with brilliant foliage and almost thornless stems. A grand novelty usually selling at considerably



Talisman.

10% Discount on Roses When All Cash Accompanies Order.



Climbing American Beauty.

Climbing Roses

American Beauty

The famous American Beauty Rose in climbing form. Has all the characteristics of its relative, including form and fragrance. Healthy foliage, and has strong climbing habit of growth. Strong 2-year field-grown bushes, 40c each; 3 for \$1.05; or 10 for \$3.25.

Chaplin's Pink Climber

Unquestionably the most important acquisition in climbing roses since the introduction of Paul's Scarlet Climber. This striking novelty is a cross between Paul's Scarlet and American Pillar. It is of strong growth, perfectly hardy, producing its large flowers, similar in size and form to Paul's Scarlet, profusely in strong trusses of from 8 to 12 flowers each, but in color a rich, lively pink. Our stock of strong 2-year field-grown bushes priced exceptionally low at 75c each; 3 for \$2.10; or 10 for \$6.50.

Crimson Rambler

Will attain a height of 10 to 20 feet in a season. Produces a marvelous profusion of rich and glowing crimson clusters during June and July. The flowers are grown in pyramidal panicles, each carrying 80 to 100 blooms. Strong 2-year field-grown bushes, 30c each; 3 for 75c; or 10 for \$2.25.

Aviateur Bleriot

Exquisite buds of saffron-yellow shaded pink and apricot, opening to a lighter tone. Flowers double, of medium size, occurring in open clusters, emitting an unusual magnolia fragrance. Foliage of the handsomest. Regarded as one of the best yellow climbers. Strong 2-year field-grown bushes, only 35c each; 3 for \$1.00; or 10 for \$3.00.

Dorothy Perkins

A most beautiful shell-pink. The flowers are borne in large clusters of small double bloom, and are very sweet scented. This is undoubtedly the thriftiest, showiest and most practical of the older climbers, and is probably more extensively planted than any other. Strong 2-year field-grown bushes, 30c each; 3 for 75c; or 10 for \$2.25.



Chaplin's Pink Climber.

Excelsa (Red Dorothy Perkins). New and distinct Rambler of merit, producing a great quantity of blooms of crimson-maroon, with scarlet tipped petals. Flowers full and double, 30 or 40 to a stem. An excellent variety. Strong 2-year field-grown bushes, only 30c each; 3 for 75c; or 10 for \$2.25.

Paul's Scarlet A wonderful rose for trellis or pergola. No other rose, in any class, can compare with this for brilliancy of color, which is maintained until the petals fall. The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters, on much branched canes, the plants being literally covered from top to bottom with bloom. Blooms very long, holding flowers after many June bloomers have dropped their petals. This Rose is rated by the American Rose Society as one of the finest climbers in the United States. Strong 2-year field-grown bushes, 40c each; 3 for \$1.05; or 10 for \$3.25.



Paul's Scarlet.

Veilchenblau (The Blue Rose). Claimed to surpass all others in having a blue color. The flowers appear in large clusters, after the manner of the Crimson Rambler; are semi-double, and of medium size. Upon first opening, the color is partly bright red and partly blue, turning soon to a steel blue. This variety is a strong grower, has shining green foliage and few thorns. Has not been troubled with mildew, and is classed among the hardest climbing Roses. Our price for strong 2-year field-grown bushes, only 40c each; 3 for \$1.05; or 10 for \$3.25.

Gator-Hide Mulch Paper

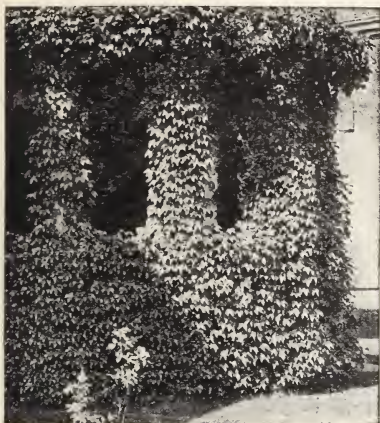
THE ORIGINAL MULCH PAPER—IMPROVED THIS YEAR, AND BETTER THAN EVER BEFORE

Can be used in continuous lengths, or when cut in 18-inch squares is ideal for use in planting individual rose bushes. Saves hoeing—keeps down weeds—promotes better growth. A Special Trial Roll, 45 feet long by 18 inches wide, heavy weight paper, POSTPAID FOR ONLY \$1.10 NET (No Disc't). Full instructions with each roll. (No Canadian orders accepted).



Aviateur Bleriot.

Big Additional Saving on Early Cash Orders. See Page 50.



Boston Ivy.

CLIMBING VINES

American Bittersweet

(*Celastrus Scandens*). A native climber, with handsome, glossy foliage and large clusters of beautiful, orange-crimson berries, remaining all winter. Very bright in effect, are charming for winter house decorations. 2-year No. 1, 30c each; 3 for 75c.

Boston Ivy (*Ampelopsis Veitchii*). This is one of the finest hardy climbers for covering walls, verandas and trunks of trees, as it clings firmly to the smoothest surface, covering closely with overlapping foliage. The color is a fresh, deep green in summer, changing to the brightest shades of crimson and scarlet in autumn. 2-year No. 1 plants, 40c each; or 3 for \$1.00.

Dutchman's Pipe (*Aristolochia Siphon*). A magnificent native vine of climbing habit and rapid growth, with magnificent light green foliage 10 to 12 inches in diameter, and curious pipe shaped, yellowish brown flowers; grows well in shade. Grafted specimens, 2-year No. 1, 60c each; \$1.65 for 3.

Dutchman's Pipe (*Aristolochia Tomentosa*). A climbing vine whose habits and characteristics are very similar to those of *Siphon*, described above, except for the fact that the leaves are considerably smaller. 2-year No. 1 seedlings, 25c each; 60c for 3.

Clematis Henryi This is the finest white variety of all large flowering Clematis. A remarkably free and continuous bloomer. Flowers are large, of beautiful creamy white with reddish chocolate anthers. 2-year No. 1, \$1.00 each; or 3 for \$2.75.



Dutchman's Pipe.

Clematis Jackmani Immense flowers of an intense violet-purple color that bloom continuously throughout the summer. 2-year No. 1, \$1.00 each; or 3 for \$2.75.

Clematis Mme. Andre Plant is a good grower and a very free bloomer. Color a distinct crimson-red. Entirely different from all other varieties. 2-year No. 1, \$1.00 each; or 3 for \$2.75.

Clematis Paniculata (Sweet Scented Japanese Clematis). One of the most vigorous and beautiful of all climbers. A rapid grower, and desirable wherever a quick growing vine is needed on walls, verandas, etc. In late summer it produces dense sheets of medium sized, pure white flowers of the most pleasing fragrance. Will grow in almost any soil, and is entirely free from blight and insects. 2-year No. 1, 35c each; or 3 for 90c.

Honeysuckle, Hall's Japan A strong, vigorous vine, with pure white flowers changing to yellow. Foliage remains green well into the winter. Extremely fragrant and covered with flowers almost the entire season. 2-year No. 1 vines, 35c each; 90c for 3.

Honeysuckle, Scarlet Trumpet Similar in manner of growth to Hall's Japan, but bearing innumerable trumpet-shaped flowers of bright scarlet. 2-year No. 1 vines, 30c each; 75c for 3.

Kudzu Vine A grand hardy climber. Large foliage and dense shade. Will run 30 to 40 feet in one season. Flowers plentiful in August, rosy purple, pea-shaped, in small racemes. 2-year No. 1, 25c each; 65c for 3.

Wisteria, Chinese Purple One of the most elegant and rapid growing of all climbing plants. Attains an immense size. Has long pendulous clusters of pale blue flowers in May and June, and in autumn. 2-year No. 1 plants, choice specimens from blooming wood, only 50c each; 3 for \$1.35.

Wisteria, American (*Magnifica*). A very strong growing vine with lacy foliage and beautiful, drooping trusses of blue flowers as large as bunches of grapes. Propagated from blooming wood. 2-year No. 1 vines, only 25c each; 3 for 60c.

Silver Lace Vine (*Polygonum Auberti*). Always scarce and in demand is this charming climber which will clamber gracefully over a trellis, porch or arch, or upon any support which may be devised. Grows rapidly, averaging 25 feet in a season. A well grown specimen is a cloud of lacy, misty white shot with tints of cream and pale rose of most exquisite effect. Produces more bloom than any other hardy vine, covering a season extending from late summer till well into the fall. Strong 2-year vines, only 50c each; 3 for \$1.35.



Chinese Purple Wisteria.



Silver Lace Vine.

10% Discount on Climbing Vines When All Cash Accompanies Order.

ORNAMENTAL TREES



Bechtel's Double Flowering Crab.

Japanese Flowering Cherry (Seki-yama Kwanzan). A recently developed line of small-sized flowering trees which are taking America by storm. We have selected Kwanzan as one of the best of this extremely beautiful species, being a double flowering dark pink variety of unusual beauty. Supplies are limited, and offerings are usually made at extremely high prices. Try to duplicate our low price elsewhere for trees of equal size and quality.

Judas Tree (Redbud). A medium-sized tree with large, irregular head, and heart-shaped leaves. It is covered with bright pink blossoms in early spring before the leaves appear. One of the finest ornamental trees, growing best in a moist, sandy loam. It is used largely in groups of shrubs and small trees to give color for this early season.



Catalpa Bungei.

Cut-Leaved Weeping Birch

Its tall, slender, yet vigorous growth, graceful, drooping habit, silvery white bark and delicately cut foliage present attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns.

Bechtel's Double Flowering Crab A wonderful, low, bushy tree, the most beautiful of all flowering Crabs. Words fail one utterly when attempting to describe its surpassing beauty. To one who has never witnessed the delightful sight of this fragrant mass of color, no picture of pen or word can adequately portray its exquisite charm and graceful beauty. It is a rose in disguise, and as sweet as the breath of spring. At a distance the tree seems covered with dainty roses of delicate pink color. Very popular for lawns, as it blooms when quite young. Admirers of Tree Roses should plant this instead, and be highly pleased with the result.

Box Elder (Ash-Leaved Maple). A fine, rapid growing variety, with handsome, light green foliage and spreading head, very hardy; desirable for street planting and succeeds in many sections where other varieties do not thrive.

Catalpa Bungei (Umbrella Catalpa). Makes an umbrella-shaped top without pruning, forming a pretty dome-shaped head of large, glossy, heart-shaped, deep green leaves. It always makes a symmetrical head. It is very desirable for border along drive or walk, or for use in parks and lawns, where tall trees are not desired.

Catalpa Speciosa (Western Catalpa). An effective, tropical-looking lawn tree, with very broad, large leaves, and fragrant, purplish white blossoms of pyramidal clusters, often a foot long. There are few trees that have been more extensively planted for commercial plantations in the Middle West and the eastern states. It is hardy, grows rapidly, resists drought remarkably well, and has hardly any insect enemies. Also a very desirable shade tree, and fine for lawn planting.

Cornus Florida (White Flowering Dogwood). Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant and showy. Foliage grayish green, glossy and handsome; in autumn turning to deep red. Spreading, irregular form, growing 20 to 25 feet high.



Cut-Leaved Weeping Birch.

American White Elm A noble native tree of great size and widespread, with graceful, drooping branches and handsome leaves. One of the best tree types for towering, heady effect and widespread shape, in the yard itself. Also indispensable to shady parks, and often used in street plantings along the sides of wide avenues.

Magnolia Tripetala Attains an average height of 30 to 40 feet. This variety has immense leaves, usually from 12 to 24 inches long, and from 7 to 10 inches wide. The leaves grow in clusters about the large white flowers and rose-colored fruit cones. Flowers are 8 to 10 inches across, with petals 4 to 5 inches long. Tree has spreading branches forming an open head. The extremely large leaves and large fruit cones make this one of the most desirable ornamental trees.

European Mountain Ash

(*Sorbus Aucuparia*). A hardy tree, of medium size, smooth bark; head dense and regular. Covered from July until winter with large clusters of bright red berries. Reaches a height of 25 to 30 feet when matured. A most beautiful and attractive tree on any lawn, and an unusual bargain at our low price.



Carolina Poplar.

The Chinese Elm is destined to shortly become the most popular lawn and street tree in America.

Poplar, Carolina

One of the most rapid-growing trees, with large, glossy, deep green leaves. Gives shade in a very short time. Succeeds everywhere. Especially adapted to cities, where it makes an unusually quick growth, and resists smoke and gas. Pyramidal in form, making a spreading head and dense shade when properly trimmed. It is used in larger numbers for street planting than any other tree.

Poplar, Lombardy

A tall, narrow, tapering tree of obelisk form, growing rapidly to a height of sixty feet or more at maturity. Always makes a striking feature in any landscape. Fine for planting in groups, along driveways, or to make boundary lines. Sometimes used for tall screen hedges.

Chinese Elm

(*Ulmus Pumila*). Fully as beautiful as the American Elm, and has the advantage of being a far more rapid grower. Grows as rapidly as the Cottonwood and Poplars, and is quickly replacing other fast-growing trees. Will give ample and luxurious shade in only five or six years from planting. The Chinese Elm is a tree of rare beauty; has dense, dark green foliage; is the first shade tree to leaf out in the spring, and the last tree to shed its leaves in the autumn. Thrives on either rich or poor soil. Resists drought and cold, and succeeds in all parts of the United States, including both the cold and the semi-arid regions. In fact, it does well everywhere, except on low, wet ground.



American Elm.



Chinese Elm.

PRICES OF ORNAMENTAL TREES

	Each	Per 3	Per 10
Bechtel's Double-Flowering Crab, 2 to 3 ft.	\$0.70	\$1.85	\$6.00
Box Elder, 5 to 6 ft. ....	.60	1.60	5.00
Catalpa Bungei, 2-year heads, 5 ft. ...	1.50	4.00	12.75
Catalpa Speciosa, 5 to 6 ft. ....	.40	1.05	3.25
Chinese Elm, 4 to 5 ft. ....	.80	2.25	7.00
Cornus Florida (White Flowering Dogwood), 2 to 3 ft. ....	.65	1.75	5.50
Cut-Leaved Weeping Birch, 4 to 5 ft. .	1.25	3.40	10.00
American White Elm, 5 to 6 ft. ....	.60	1.60	5.00
Jap. Flowering Cherry (Sekiyama Kwanzan), 3 to 4 ft.	1.50	4.00	12.50
Judas Tree, 2 to 3 ft. ....	.35	1.00	3.00
Magnolia Tripetala, 3 to 4 ft.	1.00	2.50	7.50
European Mountain Ash, 5 to 6 ft. ....	.75	2.10	6.50
Newport Plum, 2 to 3 ft. ....	.70	1.85	6.00
Paul's Scarlet Thorn, 4 to 5 ft.	1.25	3.45	10.50
Carolina Poplar, 5 to 6 ft. ....	.30	.80	2.50
Lombardy Poplar, 5 to 6 ft. ....	.45	1.25	3.75
Lombardy Poplar, 6 to 7 ft. ....	.60	1.70	5.00
Prunus Pissardi, 2 to 3 ft. ....	.45	1.25	3.75
Prunus Triloba, 2 to 3 ft. ....	.55	1.50	4.75
Silver Maple, 5 to 6 ft. ....	.35	.95	2.75
Silver Maple, 6 to 8 ft. ....	.60	1.60	5.00
Silver Maple, 8 to 10 ft. ....	.85	2.40	7.50
Tea's Weeping Mulberry, 2-year, 5 to 6 ft.	2.00	5.55	17.50
Weir's Cut-Leaf Maple, 5 to 6 ft.	1.00	2.75	8.50
Willow, Wisconsin Weeping, 4 to 5 ft. .	.75	2.10	6.50

Double Discount on Early Cash Orders. See Page 50.

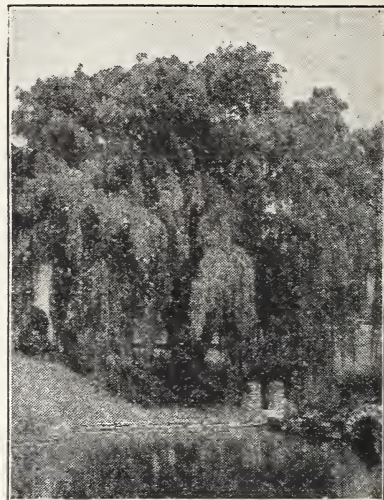
Newport Plum A purple-leaved flowering plum of greater refinement and slower growth, the leaves smoother and more richly colored than is the case with other flowering plums. Leaves strongly redden when first making their appearance, but maturing to a deep bronze-purple in late summer. Flowers rosy white, fruits magenta-red. Newport is one of the newer and better kinds, usually selling at prices far above the figure at which we offer it this season.

Prunus Pissardi (Purple-Leaved Plum). A very remarkable and beautiful tree, with almost black bark, and striking pinkish purple leaves in the Spring that deepen in color as the season advances. Has single, white flowers. Very striking and ornamental for lawn planting.

Prunus Triloba (Double Flowered Plum). The Rose Tree of China. One of the most beautiful and showy of flowering trees. Very early in spring, before its leaves appear, the small tree is decked in a fleecy cloud of very double light pink blossoms. No lawn is too small for at least one of these trees, as they seldom attain a height of more than 8 feet. The roselike blossoms also make excellent cut flowers.

Wisconsin Weeping Willow

A graceful tree of large size. Its fresh, bright green tint, and long, wavy branches make it very attractive. This is the most generally planted variety, and makes immense broad-topped specimens. Very hardy.



Wisconsin Weeping Willow.

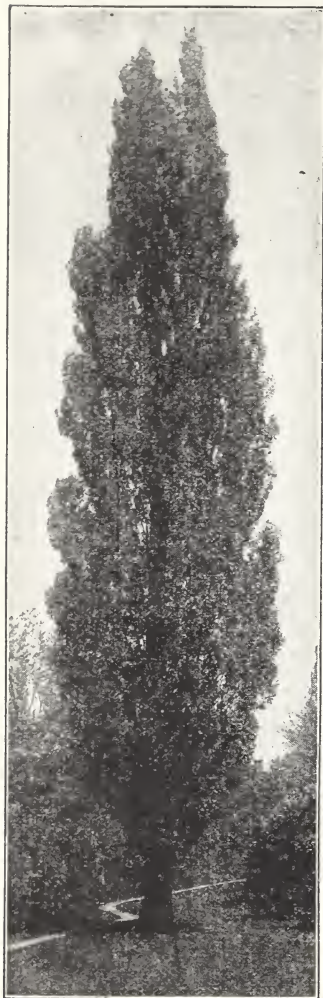
Paul's Double Scarlet Thorn A handsome dwarf tree with shiny leaves of attractive shape and color; blooming in profusion late in spring with compact clusters of deep crimson-scarlet flowers, very double. These are followed by large red fruits of vivid autumnal colorings. One of the most attractive small trees for solitary specimens or groups, as showy in fruit as when in bloom.

Silver Maple (*Acer dasycarpum*). A hardy, rapid growing, beautiful native tree attaining a large size, valuable for producing a quick shade. Its leaves are good sized, rather deeply and irregularly indented, bright green above and silvery beneath, turning to bright yellow and bronze in the fall. It makes a broad, bulky tree, getting to a shading size quicker than any other variety. Due to the increased demand for Silver Maple, we have greatly increased our plantings and are now able to offer it in several sizes ranging from 5 to 6 ft., up to 8 to 10 ft., all grades priced far below the market. Trees well rooted, well branched, straight trunks; all fine, sturdy specimens.

Tea's Weeping Mulberry The most graceful hardy weeping tree in existence. Forms a perfect round tent-shaped head, with slender, leaf-studded branches drooping to the ground; the diameter of its leaf-screened bower about half the height. It has a beautiful foliage, is hardy, safe and easy to transplant. Admirably adapted for small grounds, specimens or for cemetery planting. It is equally valuable when used as a screen against high walls, or to separate the garden from the lawn. We offer well developed trees, with straight stems, the best to be had, at an unusually attractive price.

Weir's Cut-Leaf Maple

Probably no shade tree is so well known, more generally planted or so popularly loved as the Maple, of which Weir's Cut-Leaf is one of the most popular and most frequently used. It is a Silver Maple with remarkable and dissected foliage. Of rapid growth, shoots slender and drooping, giving it a very dense appearance clear to the ground.



Lombardy Poplar.

It is a Silver Maple with remarkable and dissected foliage. Of rapid growth, shoots slender and drooping, giving it a very dense appearance clear to the ground.



Silver Maple.

12 DAHLIAS

A splendid assortment of the better varieties in several different shades and colors. An unheard of value. Supply limited. Act quickly.

Priced net, for cash with order only, and subject to no cash discount or premium offer. Yours while they last—

Postpaid in U. S. A. \$1.00

10% Discount on Ornamental Trees When All Cash Accompanies Order.



Golden Measure.



Rose Ash.

Choice Named Gladioli

Six at Dozen Rate. Postpaid Anywhere in U. S.

Prices are net, subject to no discount or free plant offer, and are for cash with order only. All bulbs are large flowering size, guaranteed to bloom the first year.

	Each	Doz.	100
ALICE TIPLADY. Primulinus type. Orange-saffron; flowers unusually large for the class, and beautifully ruffled	\$0.06	\$0.50	\$2.50
Anna Eberius. Dark velvety purple with deeper throat. Very fine flower. A popular, large, cutting variety .....	.07	.60	3.00
CRIMSON GLOW. The best crimson "Glad" grown. Velvety crimson with deeper shading in throat. A vigorous grower, and loved by all. ....	.09	.80	4.00
Delphi. An old standby; always in demand. Tall stems, with blooms of a rich, deep red. Very profuse bloomer, continuing over a long period, with several spikes open at once .....	.06	.50	2.50
Early Sunrise. 4½ feet high, with full heads of mammoth flowers from 4 to 6 inches across. Color of the sun at dawn—flaming red with a faint orange coating. Early .....	.09	.80	4.00
Evelyn Kirtland. Tall and stately; rosy pink, darker at edges, dimming to shell-pink at center. Star-shaped flower. One of the finest pinks on the market .....	.08	.70	3.50
GIANT NYMPH. Giant light rose-pink, with creamy yellow throat. A magnificent new variety of great size, perfect arrangement and long spike. Vigorous grower .....	.09	.80	4.00
GOLDEN MEASURE. The best yellow "Glad" on the market today. New and scarce. Strong, healthy grower. 4½ to 5 feet in height. Flowers plentiful and of unusually large size. Very choice .....	.12	1.00	7.50
HENRY FORD. Handsome dark purple, somewhat smoky. Wonderful exhibition Glad and one of the newest and best purples .....	.03	.80	4.00
L'Immaculee. Pure white, long spike of many flowers open at one time. Very early, and one of the largest and best of the white varieties ....	.08	.70	3.50
Mary Pickford. Delicate white. Throat finest soft sulphur. Very striking and effective .....	.07	.60	3.00
Mrs. Frank Pendleton. Large and well expanded, of a lovely flushed salmon-pink, with blood-red blotches in the throat .....	.07	.60	3.00
ROSE ASH (Ashes of Roses). Corinthian red, shading into ashes of roses, on the outer edges. Lower petals light yellow, speckled with ruby. Unique and altogether delightful .....	.09	.80	4.00
Schwaben. A variety of extreme vigor, many of the bulbs producing two or three flowering stalks which very often produce side branches besides. The stalk produces about twenty very large flowers, six to eight usually open at one time. Color is the best, a clear canary yellow shading to a soft sulphury yellow when opening .....	.08	.70	3.50

NOTICE: Special Big Collection of 50 Gladiolus Bulbs, Postpaid Anywhere in United States, for Only \$1.00. Fully Described and Explained on Page 26. Don't Overlook This Wonderful Offer.

\$5.00 SUBSCRIPTION TO AMERICAN LANDSCAPE ARCHITECT for a full year included with \$15.00 cash orders. See page 3 for full details.

WHAT THEY THINK OF US AT HOME

THE BRIDGMAN STATE BANK

OFFICERS
J. C. BRIDGMAN, President
R. W. ACKERMAN, Vice President
J. H. BRIDGMAN, Cashier
J. H. BRIDGMAN, Secretary

BRIDGMAN, MICH.

December 5th 1927

TO WHOM THIS MAY CONCERN:-

The Whitten-Ackerman Nurseries of Bridgman, Michigan, composed of R. C. Whitten and R. W. Ackerman, both with twenty years experience in the growing of nursery stock are valued customers of this bank. They are men of good business integrity, honest and courteous, and we can assure you any dealings you may have with them, whether it be a large or small order, will at all times receive their prompt and considerate attention.

Respectfully,

Vice President.



BERRIEN COUNTY BANK

CAPITAL \$300,000 SURPLUS \$500,000

BENTON HARBOR, MICH.

December 3, 1927.

TO WHOM IT MAY CONCERN:

This is to certify that we have known Messrs. Whitten and Ackerman for about twenty years and have transacted some of their banking business for about two years.

From personal acquaintance with them, we consider them reliable and responsible in every way; amply able to carry out the contracts which they may see fit to make, and are considered to be one of the leading nursery firms of the community. Any consideration extended to them will be greatly appreciated and upon occasion, promptly reciprocated.

Yours, very truly

J. H. Whitten
Cashier.

Extra Cash Discounts on Early Orders. See Page 50.

EVERGREENS

Austrian Pine (*Pinus Nigra*). The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, and of such a deep rich green color that it is known in some parts of the world as the "Black Pine." One of the best evergreens for city planting, coal gas and smoky atmospheres having no effect on its growth. Equally

satisfactory for seashore planting and for inland. When planted in the open, diameter of the branch-spread often nearly equals its height. We advocate the Austrian Pine wherever a strong, hardy evergreen is desired. Our price for Balled and Burlapped 18-24 inch trees, twice transplanted, only \$2.00 each; or 3 for \$5.50.



Austrian Pine.

Concolor Fir (*Abies Concolor*). Also known as the "Silver Fir" and "White Fir." It is the showiest of all Firs, because it is the nearest to blue. One of the most attractive evergreens in winter. It retains its lower branches, has no insect enemies, and is the best Fir tree to withstand heat and drought. Its large, flat leaves, thickly disposed on the branches, are very noticeable, giving it a dignified appearance. No evergreen planting is complete without it. Our price for Balled and Burlapped 18-24 inch trees, three times transplanted, only \$4.00 each; or 3 for \$11.50.



Concolor Fir.



Colorado Blue Spruce.

Colorado Blue Spruce (*Picea Pungens*). The most popular and showy of all Spruces. Its silver foliage, glistening in the sunlight, creates such a delightful appearance that it surpasses in beauty any other Evergreen. It is very hardy, a good grower, will withstand severe winters and excessive moisture, and is very easily transplanted. When dormant the tree acquires a somewhat greenish cast, but as soon as the new growth makes its appearance, clothing it in a deeper cast of blue, the full beauty of this glorious tree can be appreciated to the utmost. Our price for Balled and Burlapped 12-18 inch, selected true-blue specimens, only \$4.00 each; or 3 for \$11.50.

Norway Spruce (*Picea Excelsa*). A lofty, noble tree of open, pyramidal habit, exceedingly picturesque. Very popular in evergreen groups and as single specimens. Also one of the best evergreens for hedges. Norway Spruce is one of the kinds most commonly used for Christmas trees. Our price for Balled and Burlapped 18-24 inch trees, twice transplanted, only \$1.00 each; or 3 for \$2.50.

Black Hills Spruce (*Picea Canadensis Alberta*). The hardiest of

all Spruces—symmetrical, compact and bushy in habit of growth; in fact, the very smallest trees soon form round, sturdy, compact bodies. The foliage varies from green to bluish tint and all trees are remarkable for their bright, fresh color. Being rather spreading in habit, it is used mainly for individual specimens, for background borders, and in places away from buildings. However, it is a slow grower, so can remain in close quarters for several years, and is often seen in foundation plantings. Our price for Balled and Burlapped 12-18 inch trees, twice transplanted, only \$2.00 each; or 3 for \$5.50.



Black Hills Spruce.

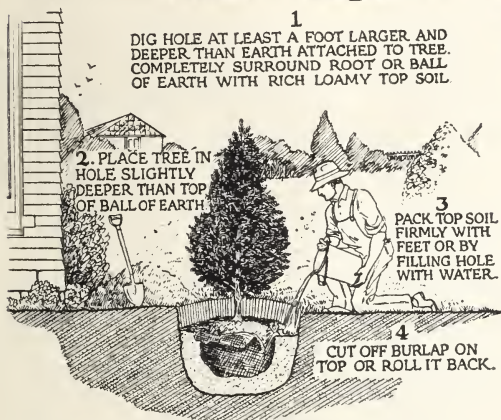
10% Discount on Evergreens When All Cash Accompanies Order.

Pfitzer's Juniper (*Juniperus chinensis Pfitzeriana*). Almost unknown a few years ago, this remarkable tree is today in the front rank of ornamental evergreens. Its great popularity is due to its ability to thrive in all parts of the country and under almost any conditions of soil or exposure. An important tree in the far South and also a perfect grower in extremely cold sections. One of the few evergreens that will stand considerable shade. Color is deep green, with a grayish cast, and having a strong, vigorous type of foliage. Should be in every evergreen planting. Our price for Balled and Burlapped, 18-24 inch trees, twice transplanted, only \$2.50 each; or 3 for \$7.00.



Pfitzer's Juniper.

How to Plant Evergreens



5. ADD LOOSE SOIL UNTIL THE HOLE IS FILLED AND PACK FIRMLY AND LEAVE LIBERAL SUPPLY OF LOOSE EARTH ON TOP.

American Arbor-Vitae (*Thuja occidentalis*). Of erect, broadly pyramidal habit, with soft bright green foliage, dense from ground up. Grows rapidly, and soon forms a most beautiful tree for any purpose. Is very hardy and dependable in any situation, although a moist location is preferred. Like other types of Arbor-Vitae, the American can be trimmed at will, or even closely sheared when sufficiently developed to present formal lines. Our price for Balled and Burlapped, 18-24 inch trees, twice transplanted, only \$1.25 each; or 3 for \$3.50.

Pyramidal Arbor-Vitae (*Thuja occidentalis pyramidalis*). A densely columnar type, most compact and erect of all the Arbor-Vitae, and at 12 feet high averaging only 24 to 30 inches in diameter. Foliage a deep green, retaining color. Height when matured, 12 to 15 feet. The most popular pyramidal tree on the market. Balled and Burlapped, 24-30 inch trees, twice transplanted, only \$2.00 each; or 3 for \$5.50.

Woodward Arbor-Vitae (*Thuja occidentalis Woodwardi*). This splendid globe Arbor-Vitae is rapidly becoming one of the most popular varieties. This is due to the fact that it maintains itself well under all conditions, and keeps the globe habit without trimming. Seldom attains a height of more than 3 feet. Foliage is dense, and of deep sea green shade. One of the very best globe-shaped evergreens available. Our price for Balled and Burlapped, 12x12 inch trees, twice transplanted, only \$2.00 each; or 3 for \$5.50.

Mugho Pine (*Pinus mughus*). Genuine true dwarf type. Growth is dense and plants are thickly covered with heavy, dark green needles. It never grows over 4 to 5 feet tall, but spreads out 6, 8 or more feet in diameter when full grown. By annual shearing it can be kept as small as desired. Does not have one main stem or trunk, but numerous stems which branch out close



Mugho Pine.

to the ground, spreading horizontally and then turning upward in even, regular growth. Color is deep green in summer and winter. It is free from insects or pests of any kind and will grow in almost any location, being fairly tolerant of shade. Without question the outstanding dwarf evergreen for all-around uses. Our price for Balled and Burlapped, 12-18 inch spread, three times transplanted trees, only \$2.25 each; or 3 for \$6.25.



Woodward Arbor-Vitae.

Pyramidal Arbor-Vitae.

Extra Special Discounts on Early Cash Orders. See Page 50.



Bleeding Heart.

PERENNIALS

Bleeding Heart

(*Dicentra Spectabilis*). The old-fashioned Bleeding Heart which has so long been a favorite. A hardy perennial with heart-shaped rose-colored flowers in drooping spikes. Beautiful finely cut foliage. Will grow in any climate under any conditions. Much used for forcing, and is at home in any part of the hardy border. Strong field-grown plants, with 3 to 5 eyes, 2-year No. 1 stock, 50c each; \$2.85 per 6; \$5.40 per doz.

Chinese Lantern Plant

(*Physalis Francheti*). A novel and distinctive plant that should be a part of every garden planting. It is an ornamental variety of the Winter Cherry, forming dense bushes, about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried, in which shape they are used extensively for floral decorations during the winter. The attractiveness of the Chinese Lantern Plant for this purpose cannot be realized nor appreciated until a vase of the brilliant colored specimens has been viewed; but once seen and admired, they are never forgotten. Strong 2-year field-grown roots, 15c each; 3 for 40c; 6 for 75c; or 12 for \$1.25.

Delphinium Belladonna

There is no family of perennials more in the public mind today than Delphiniums. When they bloom, from June till frost, their long, showy flower spikes protrude

to a height of 3 to 4 feet. Belladonna is a magnificent sort with large spikes of the most delicate turquoise-blue. Our price for strong 2-year field-grown plants, 20c each; 3 for 50c; 6 for 95c; or 12 for \$1.75.

Delphinium Bellamosa

A very dark blue variety strikingly contrasted in connection with the azure shade of Belladonna. While either variety is attractive when planted singly, we recommend a combination of Belladonna and Bellamosa in all plantings. Prices for Bellamosa same as Belladonna above.

Hibiscus

(Giant Flowering Marshmallow).

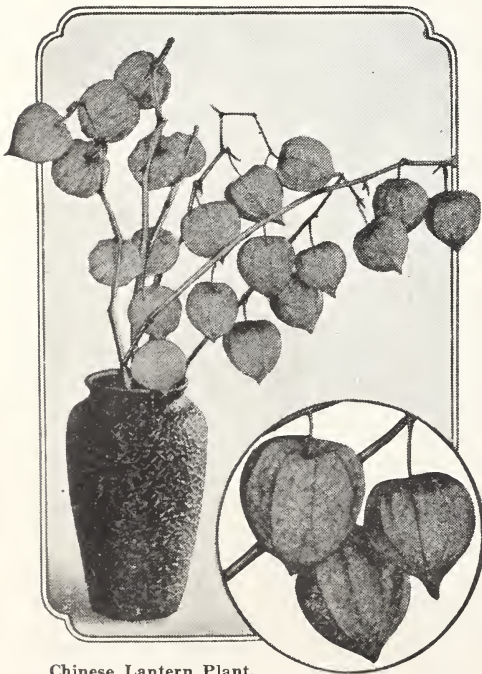
An improved form of the native Marshmallow or Rosemallow, in which not only the colors have been intensified, but the size of the flowers greatly increased. Equally at home in all locations. Perfectly hardy and blossoms abundantly, blooming from early July until late September. The most beautiful and hardy of all herbaceous plants. We offer three distinct colors, all strong, first quality, two-year plants. Red, Pink or White with crimson eye. Be sure to specify color wanted. Your choice, strong 2-year No. 1 plants, 25c each; 6 for \$1.20; or \$1.80 per doz. of a single color.



Delphinium.



Hibiscus.



Chinese Lantern Plant.

10% Discount on Perennials When All Cash Accompanies Order.

PEONIES

Peonies are perfectly hardy, requiring no protection whatever, even in the most severe climate; and when once planted, increase in beauty each year. We have selected five of the most choice varieties, all good, strong, three- to five-eye divisions, which we are offering at unusually low prices. (See Peony Collection No. 7 on page 26 for attractive combination offer).

Edulis Superba Very large, round and fluffy flower, bright rose-pink. The silvery reflex and crinkled petals cause a charming mottled appearance. One of the earliest and best. Splendid for Memorial Day. Very fragrant. Strong 2-year, 3- to 5-eye divisions, 40c each; 6 for \$2.10; or \$3.60 per doz.

Felix Crousse The leading red peony. Brilliant coloring, and fine large blossoms. A late bloomer. Delightful fragrance, bright and effective. One of the finest and highest colored varieties. Strong 2-year, 3- to 5-eye divisions, 75c each; 6 for \$4.20; or \$7.75 per doz.



Edulis Superba.

Regal Lily

(*Lilium Regale*). A magnificent new Lily from China. A novelty of rare and wondrous beauty. It is a vigorous grower, producing spikes from three to five feet high. The flowers are white, slightly suffused with pink, with a beautiful glow of canary-yellow at the center, which continues part way up the trumpet. Its perfume is exquisite; not oppressively heavy like some types. Starts blooming at the end of June, or early in July. This is a perfectly hardy Lily, and is one of the finest novelties offered in many years. It seems to thrive on any good, well drained soil. Has been produced in limited quantities only for several years. Our price for large sized bulbs that will bloom this summer. 30c each; 3 for 85c; \$3.00 per doz.

Tawny Day Lily

(*Hemerocallis Fulva*). These are among the oldest and best loved of garden plants. Very hardy and persisting; they need no winter protection, and thrive in any good soil, preferring, however, a rich, moist loam. For garden borders and waterside planting, few perennials are more satisfactory. A good clump of this fine old lily, when blooming in June and July, lights up the border superbly with many tall stems of coppery red, double blooms. Our price for strong 2-year transplanted stock, only 10c each; 3 for 25c; or 12 for 85c.

White Day Lily

(*Funkia Subcordata*). Among the easiest of plants to manage. Grow to a height of 18 inches, with a wide circle of broad leaves. Flowers are large, beautiful waxy white, very fragrant, and borne in clusters on stems about 12 to 15 inches high. Their broad, massive foliage makes them attractive subjects for the border, even when not in flower. Succeed equally well in sun or shade. Our price for strong 2-year transplanted stock, only 35c each; 3 for \$1.00; or 12 for \$3.75.



Karl Rosenfield.

Festiva Maxima One of the earliest and best peonies. Flowers are very large, clear white, tipped with streaks of red. We cannot recommend this kind too highly. Has been one of the most popular and most heavily planted kinds for years past. Strong 2-year, 3- to 5-eye divisions, 35c each; 6 for \$1.75; or \$3.25 per doz.

Karl Rosenfield Very large, globular, compact, semi-rose type; dark crimson in color. A very strong, tall, compact grower and free bloomer; midseason. A very brilliant and striking variety, and considered the best all-round red Peony. Strong 2-year, 3- to 5-eye divisions, 75c each; 6 for \$4.20; or \$7.75 per doz.

Mons. Jules Elie Pale rosy lilac, very large, measuring occasionally 8 to 9 inches. Early. Delightful fragrance. Blooms freely. One of the largest, handsomest and most lasting cutting sorts in existence. Strong 2-year, 3- to 5-eye divisions, 70c each; 6 for \$3.85; or \$7.25 per doz.

Gator-Hide Mulch Paper

IMPROVED THIS YEAR, AND BETTER THAN EVER BEFORE

Can be used in continuous lengths, or cut into 18-inch squares. Saves hoeing—keeps down weeds—promotes better growth—keeps soil moist during dry weather—insures larger flowers.

A Special Trial Roll, 45 feet long by 18 inches wide, heavy weight paper, POSTPAID FOR ONLY \$1.10, NET (No disc't).

Full instructions for application and use with each roll. (No Canadian orders accepted for mulch paper).



Regal Lily.

Double Discount on Early Cash Orders. See Page 50.

No Cash Payment Before Shipment

Examine Stock Before You Pay

THIS OFFER APPLIES ONLY ON ORDERS AMOUNTING TO \$3.00 OR MORE, FOR SHIPMENT ON OR BEFORE APRIL 15TH, 1931.

We were the first nursery in this section of the country to adopt this unique selling plan, whereby it is possible for customers to order without sending any money. Make out your order at full prices listed in catalog, and instruct us to ship by C. O. D. Express or Parcel Post, subject to your examination by Express only, as the postal authorities do not permit examination of parcel post shipments.

Look over the shipment and see for yourself whether the stock is in good condition. If shipment is satisfactory, pay your express agent the amount due and the plants are yours—still covered by our guarantee. What could be more fair. We simply must furnish good nursery stock, or we couldn't possibly afford to make this offer.

We would advise all small shipments sent by mail, and will send your order by Parcel post C. O. D. for purchase price, plus postage, if you prefer. All such shipments are fully covered by our guarantee.

NOTICE: The above offer does not apply on orders amounting to less than \$3.00; on Special Bargain Collections; Special Quoted Prices; nor on any orders specifying shipment later than April 15th, 1931. Cash in full must accompany all orders under \$3.00, or those calling for shipment later than April 15th; but on such orders customers will be entitled to our cash discount of 10 per cent from regular catalog rates. **WE GUARANTEE SAFE ARRIVAL OF ALL SHIPMENTS MADE ON OR BEFORE MAY 25TH, 1931.**

10% Discount for All Cash Orders DURING THE ENTIRE YEAR

To those who wish to send all cash with order, we offer a cash discount of 10 per cent from our regular printed prices (Bargain Offers and Special Quotations excepted), applying on orders received for shipment any time during 1931. Order must be accompanied by cash in full to secure the benefit of this discount. This is your opportunity to effect a material cash saving, especially on larger orders. Remember, we guarantee safe arrival of shipments made on or before May 25th, 1931. You take no chance whatever.

Big Gift Planting of Flaming Giant Red Raspberry Plants FREE to Early Cash Buyers

To every customer who sends us an order before April 1st, 1931, accompanied by cash in full at regular catalog rates, and who in addition sends the names and addresses of six fruit growers, or of those really interested in purchasing nursery stock, we will send absolutely free the following number of Flaming Giant Red Raspberry plants:

- 2 Flaming Giant Red Raspberry Plants. Free with Cash Orders for less than \$3.00.
- 6 Flaming Giant Red Raspberry Plants (Priced at \$ 2.00). Free with Cash Orders between \$ 3.00 and \$ 5.00.
- 12 Flaming Giant Red Raspberry Plants (Priced at \$ 3.50). Free with Cash Orders between \$ 5.00 and \$10.00.
- 25 Flaming Giant Red Raspberry Plants (Priced at \$ 6.00). Free with Cash Orders between \$10.00 and \$15.00.
- 50 Flaming Giant Red Raspberry Plants (Priced at \$11.00). Free with Cash Orders between \$15.00 and \$20.00.
- 75 Flaming Giant Red Raspberry Plants (Priced at \$17.50). Free with Cash Orders amounting to \$20.00 or more.

The Above Offer Open Until April 1st, 1931, Only. Our supply of Flaming Giant Red Raspberry plants is too limited to make this offer effective after April 1st. Be sure to send the six names and addresses with your order. These plants positively will not be sent unless customer complies with this condition.

On all cash orders received after April 1st, when accompanied by the six names referred to, we will include free the Flaming Giant Red Raspberry Plants if still available; but if not, we will include additional nursery stock of our own selection as to variety and value, absolutely free of charge. No Postpaid Bargain Collections Are Included in This Free Plant Offer, Nor Cash Orders Where a Special Reduced Price Has Been Quoted.

OUR GUARANTEE

We guarantee all of our nursery stock to be just as represented in our catalog; fully up to grade, of good quality, free from disease, and absolutely true to name; also to reach the customer alive, and in perfect growing condition.

Furthermore, we will, at our option, either replace free of charge, or refund purchase price, on any stock that arrives in bad condition; **PROVIDING CLAIM IS MADE WITHIN FIVE DAYS FROM ARRIVAL OF SHIPMENT, ACCOMPANIED BY A SIGNED STATEMENT FROM THE EXPRESS AGENT OR POSTMASTER AT DESTINATION, SHOWING EXTENT OF LOSS OR DAMAGE.**

If any stock proves untrue to name it will, at our option, either be replaced free of charge, or purchase price will be refunded, but in no case will we be responsible for a sum greater than the original purchase price paid. Beyond this our liability ceases. It is understood and agreed between the customer and ourselves that the purchaser's order, and our acknowledgment of its receipt, shall constitute a mutual acceptance of the above terms and conditions.

The Whitten-Ackerman Nurseries

Flaming Giant Red Raspberry

**Yields Twice as Much Fruit—
Berries 50 Per Cent Larger
Than Many Kinds**

We are now offering for the first time a limited supply of this wonderful red Raspberry which we consider one of the most outstanding kinds of all time.

Flaming Giant (Ohta) was originated by Professor N. E. Hansen of the South Dakota Agricultural Experiment Station at Brookings, South Dakota. Professor Hansen has a nation-wide reputation for having produced many new fruits of exceptional worth and quality, and this fact in itself assures every grower of Flaming Giants that he is planting a dependable, worth-while variety, that with proper care and cultivation will produce amazingly profitable and satisfactory results.

It is claimed that Flaming Giant bears twice as much fruit as most red raspberries; that the berries are extremely large—in fact, 50% larger than many other varieties which have been standard, and which have been considered among the best for a number of years past.

Flaming Giant has a rich, attractive red color, with firm fleshed berries that assure fine shipping quality. They are large, ruby-red lumps of deliciousness. Just imagine having a bountiful supply of this luscious fruit to serve on your own table, picked direct from your own garden; or if grown on a commercial scale, many crates of this fine raspberry to market at the highest prices.

Although our supply is limited, we offer Flaming Giants while they last at a price considerably lower than sometimes quoted by other firms, and in addition are offering our early cash buyers a liberal trial planting, as explained on the opposite page.

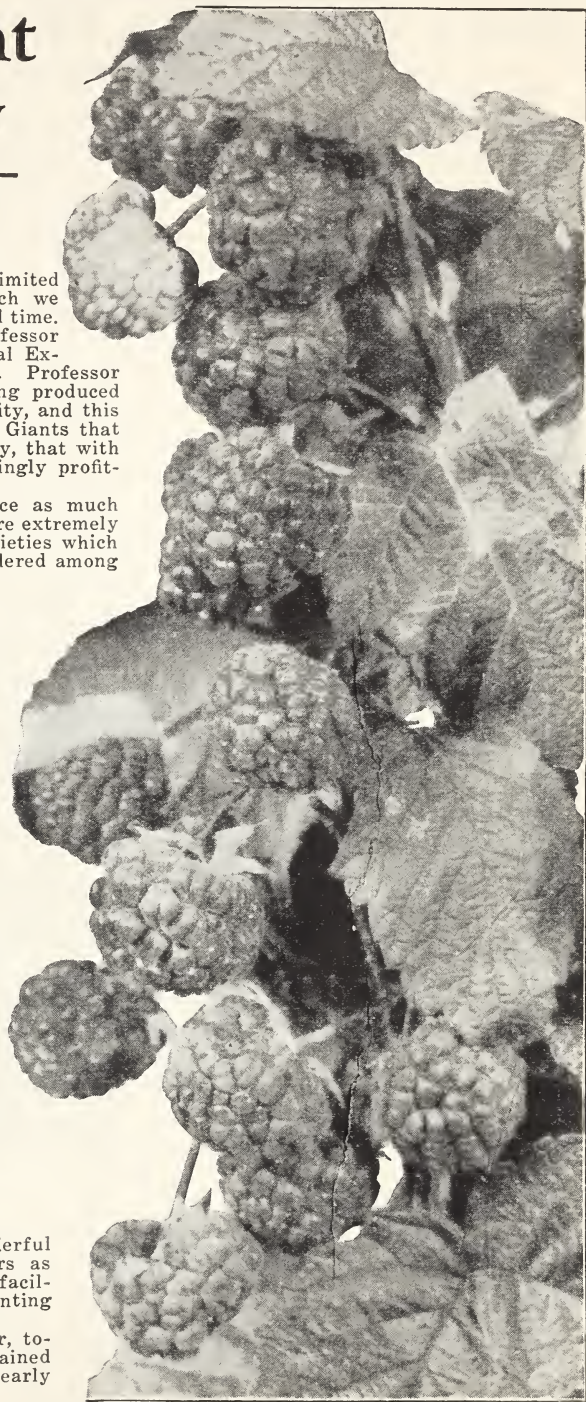
Prices:

3 plants, \$1.25; 6 plants, \$2.00;
12 plants, \$3.50; 25 plants, \$6.00;
50 plants, \$11.00; 75 plants \$17.50;
100 plants, \$20.00.

Liberal Trial Planting of Flaming Giant Free to Early Cash Buyers

We are so favorably impressed with this wonderful fruit that we want as many of our customers as possible to get started with it this year, and to facilitate its quick distribution a liberal trial planting is being offered free to early cash buyers.

Full details of the requirements of this offer, together with the quantities given, are fully explained on page 24. Our advice is to get your order in early before stock is exhausted.



CERTIFICATE OF NURSERY INSPECTION No. 7100

MICHIGAN STATE DEPARTMENT OF AGRICULTURE
Orchard and Nursery Inspection

This is to certify that the Nursery Stock of The Whitten-Ackerman Nurseries, Bridgman, Mich., has been examined and found to be apparently free from dangerous insects and dangerously contagious tree and plant diseases. Fee paid, \$12.00.

This certificate to be void after September 15, 1931. denberg, In charge of Orchard and Nursery Inspection.
Lansing, Mich., September 18, 1930.

HERBERT E. POWELL, Commissioner.
Bureau of Agricultural Industry, A. C. Carlton, Dir. E. C. Man-

BARGAIN PRICES

SPECIAL COMBINATION OFFERS



50 Large Gladiolus Bulbs, \$1.00

Postpaid Anywhere in U. S.

Collection No. 1

We have prepared for you one of the finest assortments of colors and varieties ever offered in any Gladiolus mixture, giving a wide range of color, and containing many of the popular varieties most frequently planted.

These are not bulbets, or small, undersized bulbs; every one being of full flowering size that will surely produce elegant spikes of bloom this Summer.



Climbing Rose Collection No. 2

2 Each—

Crimson Rambler

Excelsa

Dorothy Perkins

Also 1 Each—

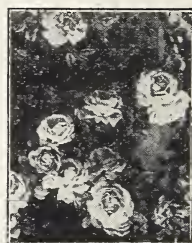
Climbing American

Beauty

Paul's Scarlet

Aviateur Bleriot

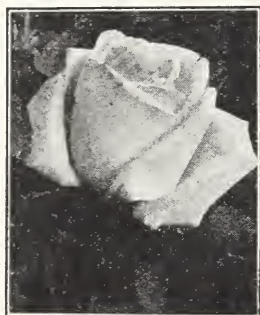
Veilchenblau



All Strong, 2-year, Field-Grown Bushes.

Catalog Value, \$3.35.

Special Price for 10 Roses, \$2.25, not prepaid.



Superb Bush Rose Collection No. 3

1 Each—

F. J. Grootendorst

Frau Karl Druschki

Gruss an Teplitz

Lady Hillington

Mme. Edouard Herriot

Los Angeles

All Strong, 2-year, Field-Grown

Bushes.

Catalog Value, \$5.05.

Special Price for 10 Roses, \$3.75, not prepaid.

Paul Neyron

Radiance

Red Radiance

Rosa Hugonis

Los Angeles

"Gorgeous Six" Rose Collection No. 4

1 Each—

Lady Hillington. Apricot-yellow.

Los Angeles. Pale salmon-pink.

Mme. Edouard Herriot. Bronze and copper.

Paul Neyron. Largest of all Roses.

Red Radiance. Beautiful red; constant bloomer.

Souv. de Claudius Pernet. Best yellow Rose.

All Strong, 2-year, Field-Grown Bushes.

Catalog Value, \$3.05.

Special Price for 6 Roses, \$2.20, not prepaid.

Perennial Garden Collection No. 5

3 Each—

Chinese Lantern Plant

Delphinium, Belladonna

Delphinium, Bellamosa

Tawny Day Lily

1 Each—

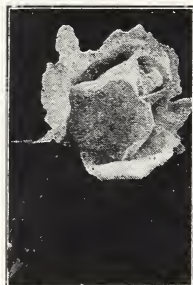
Bleeding Heart

Regal Lily

White Day Lily

Catalog Value, \$2.80.

Special Price for 15 Perennials, as above, \$1.95, not prepaid.



New Roses of Elegance Collection No. 6

1 Each—

Betty Uprichard. Carmine with salmon-pink.

Briarcliffe. Bright, clear rose-pink.

Charles K. Douglas. Brilliant crimson with

scarlet.

Golden Dawn. Magnificent lemon-yellow.

Talisman. The greatest Rose sensation.

All Strong, 2-year, Field-Grown Bushes.

Catalog Value, \$3.90.

Special Price for 5 Roses, \$2.85, not prepaid.

"Magnificent Five" Peony Collection No. 7

1 Each—

Eduis Superba. Bright rose-pink.

Felix Crousse. Leading red Peony.

Festiva Maxima. Best white Peony.

Mons. Jules Elie. Pale rosy lilac.

Karl Rosenfield. Large, dark crimson.

Catalog Value, \$2.95.

Special Price for 5 Peonies, as above, all strong, 3-5 eye Divisions, only \$2.45, not prepaid.



\$5.00 subscription to AMERICAN LANDSCAPE ARCHITECT for a full year included with \$15.00 cash orders. See page 3 for full details.

ON ORNAMENTALS

PRICED TO SAVE YOU MONEY

Evergreen Foundation Planting Collection No. 8

2 Each—
Pyramidal Arbor-Vitae, 24-30 inch
Woodward Arbor-Vitae, 12x12 inch

1 Each—
Mugho Pine, 12-18 inch spread
Pfitzer's Juniper, 18-24 inch

Catalog Value, \$12.75.

Special Price, 6 Trees, Balled and Burlapped, for \$9.55,
by express, not prepaid.

Front Yard Evergreen Planting Collection No. 9

1 Each—
Austrian Pine, 18-24 inch
Black Hills Spruce, 12-18 inch
Colo. Blue Spruce, 12-18 inch
Norway Spruce, 18-24 inch
Concolor Fir, 18-24 inch
American Arbor-Vitae, 18-24 in.

Catalog Value, \$14.25.

Special Price, 6 Trees, Balled
and Burlapped, for \$11.60, by
express, not prepaid.



Norway Spruce "EXTRA SPECIAL" Collection No. 10

1 Norway Spruce

Twice Transplanted. Twelve Inches High.
Nice Bushy Trees.

25c each; 3 for 50c

Postpaid in United States.



Choice Selected Ornamental Trees Collection No. 11

1 Each—
Bechtel's Double Flowering Crab, 2-3 ft.
White Flowering Dogwood, 2-3 ft.
Japanese Flowering Cherry, 3-4 ft.
Magnolia Tripetala, 3-4 ft.
Newport Plum, 2-3 ft.
Paul's Scarlet Thorn, 4-5 ft.
Prunus Triloba, 2-3 ft.

Catalog Value, \$6.35.

Special Price for 7 Trees, \$4.75, not prepaid.

Selected Shade Tree Planting Collection No. 12

1 Each—
Cut-Leaved Weeping Birch, 4-5 ft.
Chinese Elm, 4-5 ft.
American White Elm, 5-6 ft.
European Mountain Ash, 5-6 ft.
Silver Maple, 5-6 ft.
Weir's Cut-Leaf Maple, 5-6 ft.
Wisconsin Weeping Willow, 4-5 ft.

Catalog Value, \$5.50.

Special Price, 7 Trees for \$4.10, not prepaid.



"Lucky Thirteen" Shrub Collection No. 13

1 Each—
Deutzia Gracilis
Deutzia Lemoine
Forsythia Intermedia
Golden Elder
Pink Tartarian Honeysuckle
Common Purple Lilac
Philadelphus Virginialis
White Snowberry
Spirea Anthony Waterer
Spirea Billardi
Spirea Callosa Rosea
Spirea Van Houttei
Weigela Eva Rathke

Regular Catalog Grade and Value, \$3.97.

Special Price, \$2.85, not prepaid.

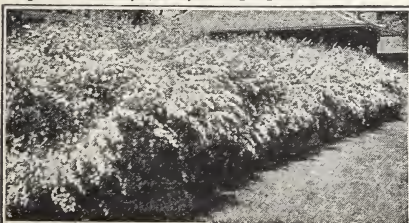


COMPLETE BACKYARD GARDEN COLLECTION NO. 14

2 Each—Hydrangea P. G., Japan Quince, Pink
Tartarian Honeysuckle, Common Snowball,
Weigela Eva Rathke and Spirea Callosa Rosea.
Also 1 Each—Beauty Bush, Korolkowi Honey-
suckle, Philadelphus Virginialis and Korean
Spirea. 6 Spirea V. H. and 25 Assorted Gladi-
olus Bulbs.

Regular Catalog Grade and Value, \$7.75.

Special Price, \$5.80, not prepaid.



SUBURBAN HOME SHRUB COLLECTION NO. 15

1 Each—Beauty Bush, Flowering
Almond, High Bush Cranberry,
Hydrangea P. G., Japan Quince,
American Bittersweet and Wisteria
Magnifica; also 2 Each—
Spirea Anthony Waterer, Billardi,
and Callosa Rosea.
Regular Catalog Grade and
Value, \$4.65.
Special Price, \$3.45, not pre-
paid.

FRONT FOUNDATION SHRUB COLLECTION NO. 16

2 Each—Hydrangea P. G., Hydrangea
Arborescens, Spirea Callosa Rosea, Wei-
gela Eva Rathke, White Snowberry and
Forsythia Intermedia; also 6 Spirea Van
Houttei.

Regular Catalog Grade and Value,

\$4.21.

Special Price, \$3.10, not prepaid.



Northern Grown Fruit Trees

The selection of fruit trees for planting is a matter deserving far greater care and consideration than is often given by the average planter.

Unless one is experienced in orchard planting, the matter of price is often the greatest factor considered in determining the source of supply. Before buying, learn definitely just what sort of trees are being offered. Don't be influenced by height alone. While this is a desirable feature, a vigorous root system, well developed branches and a well calipered trunk are equally essential.

Your especial attention is called to the manner in which our stock is graded. Our trees are offered in 4 to 5 ft., and 5 to 6 ft. heights. Some nurseries offer what they term a 4 to 6 ft. grade, using small calipered 4 to 5 ft. trees. This is not our method of doing business. All of our trees are plainly graded, both as to caliper and height, so that the buyer knows exactly what he is getting. We claim to furnish trees of larger caliper and greater height than those offered elsewhere at or near our prices. When we tell you that only our smallest grade can be sent by mail, the greater size and added value of our stock can be better appreciated. The height of our bigger grades is too large to meet parcel post requirements, necessitating express delivery only.

Whitten-Ackerman trees are today growing in all sections of the country where orcharding is practiced. Our reputation for supplying Quality Stock at Economical Prices is established, and our policy of a Square Deal for every purchaser has been proven to the satisfaction of thousands of Whitten-Ackerman customers. Your next order entrusted to us will prove it to you as well.

WHITTEN-ACKERMAN Selected Super-Size Fruit Trees

There has been such a rapidly increasing demand in past years for our Super-Size Apple Trees that this season we are making available to our customers Super-Size Trees in all tree fruits offered with the exception of Peach (over-sized Peach are not wanted, and are not used by experienced planters). Whether you want Pears, Apricots, Apples, Quinces, Plums or Cherries, we now have them in our Special Super-Size—all offered at prices far below those usually asked for trees of equal size and quality.

Whitten-Ackerman Super-Size Fruit Trees are the very best obtainable—you can't buy better ones elsewhere at any price. Every one is selected from the top grade—the pick of the crop. Super-Size Trees caliper no less than 1 1/16 inch, and many caliper considerably over an inch. In height they run from 5 to 7 feet, and often higher, depending entirely on the kind and variety, as some kinds are much larger growers than others.

Our Super-Size Trees are all two-year-olds—the same age as our two smaller grades. In fact, they were all grown in the same nursery rows. All grades of fruit trees have an equal start from the bud, but some being stronger and more vigorous than others, there is a big variation in growth by the end of the second year. The trees with the most pep and vitality make the largest growth. These trees are capable of forging right ahead and continuing the same sturdy growth after being planted in your own garden or orchard. That's why we call them the pick of the crop.

Super-Size Trees cost more to produce, and are more expensive to handle and pack, so naturally we have to sell them at a higher price than the smaller grades; but we're not asking any more than we have to get in order to make a reasonable profit. Many other nurseries charge anywhere from \$1.50 to \$2.50 each for trees no older, larger or better. Plant Super-Size Trees now and you'll save at least a year or two.

At the right we show a block of Whitten-Ackerman apple trees as they appear in the nursery. Notice their vigorous, healthy appearance; clean, dense foliage; thrifty, well balanced branches; sturdy, straight trunks; each tree spaced far enough apart to insure proper development.

Illustrated at the left is an average sample of Whitten-Ackerman two-year 5 to 6 ft. apple trees. Note the unusually well developed root system (whole roots only are used); the straight, large calipered trunk, and well branched top—full of pep from lowest root to topmost twig.



Read Carefully Pages 24 and 50 Before Ordering.

PEARS

The planting of Pears is rapidly increasing as their value becomes more and more appreciated. Like apples, the range of varieties is such that Pears may be had in good eating condition from August until well into the winter. Pears prefer a rather heavy clay or loam, but thrive on any soil that will produce a good crop of vegetables or grain. For permanent plantings standard varieties should be set 18 to 20 feet apart.

Bartlett Large, coloring when fully ripe to waxen yellow with red blush; juicy, melting, highly flavored. Tree bears early and abundantly. Fruit ripens in September at a time when there is



Douglas.

little or no competition on the market. Some nurserymen claim there have been more Bartlett planted than all other kinds of Pears combined, and you make no mistake in planting Bartlett yourself.

Beurre Bosc Without doubt the highest quality and best flavored Pear of all. Should be in every home garden. Fruit very large, of distinct gourd shape—roundish at blossom end, with long, thin, tapering neck. Beautiful golden russet color. Flesh fine grained, juicy and melting, very delicious and high flavored. In great demand at the best fruit stores, where it often sells as high as ten cents each. This variety is quite productive, ripening in late September or early October.

Clapp's Favorite A superb, large, long, yellow Pear, richly flushed with russet-red next the sun. The flesh is fine grained, juicy, melting and buttery. A cross between Bartlett and Flemish Beauty; earlier than Bartlett and resembling Flemish Beauty in growth. A fine grower and extremely productive. Ripens in early August.

Douglas The New Blight-Proof Pear. Ripens late September in central states. A heavy, regular cropper that seems to give uniformly satisfactory results in all sections. Claimed by leading growers to be practically blight-proof. The fruit is large and smooth, with a beautiful golden tint, flecked with russet. Flesh is fine grained and tender. Delicious flavor, very sweet, melting and juicy. One of the very best Pears available today. Supply is limited, and usually Douglas is offered at a high price only. However, we are able to furnish genuine, true-to-name stock in our regular grade at only a slight advance in price over other varieties. Add a few Douglas to your order this year. You'll not regret it. 2-year, 9/16 inch, 5- to 6-ft. trees, 75c each; 10 for \$7.00; \$65.00 per 100. 2-year Super-Size trees, \$1.00 each; 10 for \$9.50; \$90.00 per 100.

Kieffer Best pear for large commercial plantings, because of its sure crop, heavy yield and exceptional shipping qualities. Ripens in October and November. Fruit large, and of good quality. Sometimes known as "Winter Bartlett."

Seckel (Sugar Pear). Small size; yellowish russet, with red cheek. Flesh white, buttery, very juicy and melting. One of the highest flavored Pears. The richest and finest variety known, and extensively planted in all parts of the country. Ripens in September and October.

PRICES OF PEAR TREES

	Each	10	100
All varieties listed, except Douglas, 2-year, 9/16 in., 5 to 6 ft....	\$0.50	\$4.85	\$47.00
All varieties listed, except Douglas, 2-year, Super-Size .....	.75	7.00	65.00

Five or more trees of a single variety at the 10 rate; 50 or more at the 100 rate. 10% discount for all cash with order.

APRICOTS

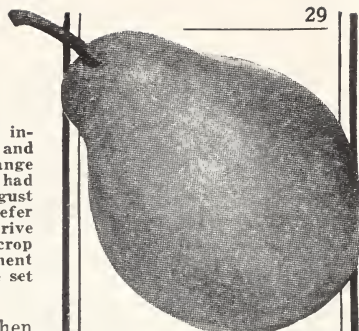
Moorpark Produces very large, orange-yellow colored fruit with red cheek; yellow, sweet, juicy and delicious; freestone, and very productive. Extra good for either market or dessert. Ripens in August.

Superb A hardy tree and a sure cropper. The best flavor, most productive, hardy Russian Apricot yet produced. Medium size, light salmon color.

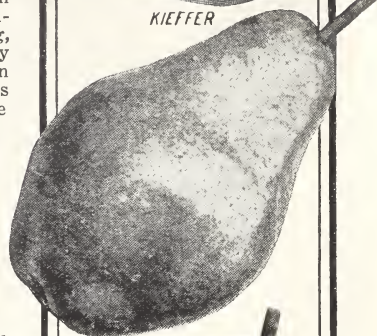
PRICES OF APRICOT TREES

	Each	10	100
APRICOTS. Moorpark and Superb, 2-year, 9/16 in., 5 to 6 ft....	\$0.55	\$5.00	\$47.50
APRICOTS. Moorpark and Superb, 2-year, Super-Size .....	.75	7.00	65.00

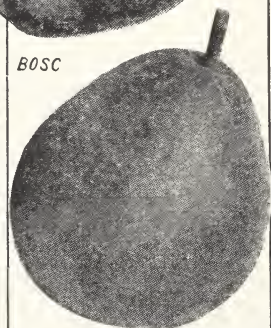
Five or more trees of a single variety at the 10 rate; 50 or more at the 100 rate. 10% discount for all cash with order.



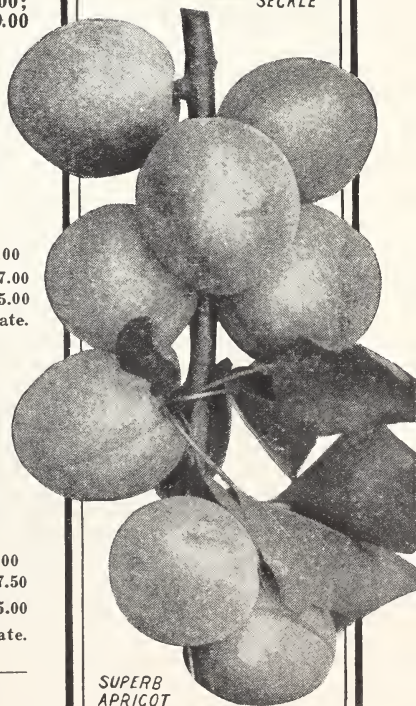
KIEFFER



BOSCH



SECKLE

SUPERB
APRICOT

APPLES



Cortland.

Grimes Golden Winter Apple. Medium to large size; skin golden yellow; delicious, sparkling flavor that cannot be described. Tree very hardy and productive. Comes into bearing very early.

Hyslop Crab Ripens in October. Long considered the best of all crab apples. Trees are healthy and vigorous, with beautiful foliage. Bears young and annually. Fruit is large, nearly round, with smooth skin. Color a beautiful, deep crimson. Flesh yellow, crisp and juicy, with sub-acid flavor. Excellent quality and very popular.

Jonathan A grand, good winter Apple. Bright, solid red. Flesh white, sometimes tinted with red; firm, fine, crisp and tender—a splendid family sort and highly profitable for market. Tree long lived, productive, and an early bearer. Will keep well without special care, and also stand much handling.



Delicious.

McIntosh One of the very best winter Apples. Bright, deep red color, made more attractive by a heavy, characteristic bloom. Uniform. Flesh white, tender, juicy, with a rich, delicious and very distinctive flavor. Tree hardy, vigorous and healthy.

Northern Spy Early winter Apple. Large, roundish, somewhat ribbed, purplish red. Flesh white, tender, mild, sub-acid, rich and distinctly delicious flavor. Blossoms very late, escaping frosts. Its large size, handsome appearance and superlative quality place it in first rank for fancy market trade, and enable it to command highest prices.

Red Astrachan Ripens in July. The best midsummer cooking and eating Apple for home and market. Tree is medium in size; hardy and regular bearer, a very vigorous grower, and bears the fourth year. Fruit large, roundish, nearly covered with deep crimson, over-spread with a thick bloom. Juicy, rich, sub-acid flavor. The fruit commands the best price of the summer varieties. Keeps well until September.



Grimes Golden.



Stayman's Winesap.

Rhode Island Greening One of the best winter varieties. Commonly called by the simple name of Greening. It is unsurpassed as a cooking Apple, and as a dessert fruit of its season, has few equals. Tree large, strong, vigorous, wide spreading; long lived, productive, and a reliable biennial cropper. Fruit large; flesh yellowish, firm, fine grained, crisp, tender, juicy, slightly sub-acid; very good flavor. Skin grass green to yellow, often with brownish red blush. Ripens in December and keeps until April.

Stayman's Winesap A good early Winter keeper. Fruit large, bright red color. Flesh tinged with yellow; firm, crisp, with pleasant, rich acid flavor appealing to every one.

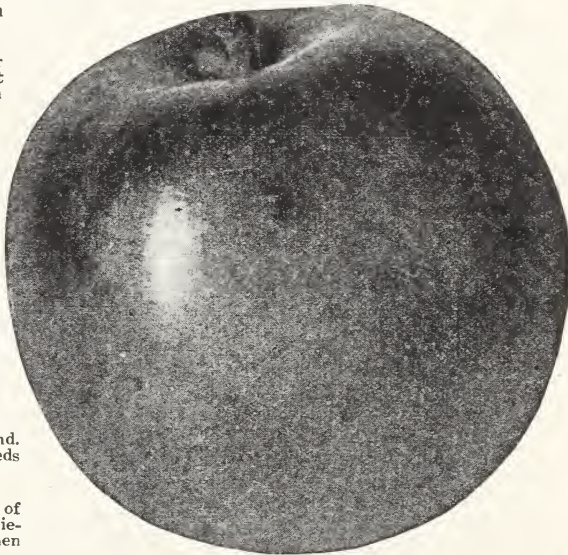
Sweet Bough Ripens in July. A large, pale, greenish yellow sweet Apple of excellent quality. Most of the sweet Apples do not ripen until well into the autumn, and for this reason Sweet Bough is especially desirable, as it ripens with the earliest summer kinds. No home orchard is complete without it.

Wealthy Ripens late summer and early autumn. Perfectly hardy, vigorous and productive. Fruit large, red streaked with white. Quality good. A profitable market sort.

Winter Banana Early winter variety. Large, wonderfully beautiful, brilliant waxen yellow with red cheek. A most attractive, high quality, juicy apple, with peculiar, exquisite flavor that delights everyone; tender and delicious, with banana perfume. Especially good for eating out of hand. Tree hardy; bears young; good crops every year. Succeeds in nearly all Apple sections.

Yellow Transparent Ripens in July. One of the very best early varieties. Skin is clear white, changing to pale yellow when ripe. Flesh white, tender, sub-acid.

Rome Beauty A large, winter variety of good quality, in season from December to March. Shape round, color yellowish, mottled and striped in different shades of red. Is thick skinned, stands handling well and is a good keeper. Has an established reputation in market and sells at a good price. Appearance and size are its valuable points. Tree comes into bearing much earlier than many varieties, and under proper conditions is quite consistently an annual bearer.



McIntosh.

1931 Prices of Apple Trees

NOTICE: 10% Discount From Prices Below Allowed For All Cash With Order Received Any Time During 1931. 5 or more trees of one grade and variety only at the 10 rate; 50 or more trees of a single grade and variety at the 100 rate.

	Each	10	100
All varieties listed, except Cortland, 2-year, 7/16", 4 to 5 ft. trees	\$0.25	\$2.35	\$21.00
Cortland, 2-year, 7/16", 4 to 5 ft. trees	.40	3.75	35.00
All varieties listed, except Cortland, 2-year, 9/16", 5 to 6 ft. trees	.35	3.35	32.00
Cortland, 2-year, 9/16", 5 to 6 ft. trees	.50	4.75	45.00
All varieties listed, except Cortland, Special Super Size, 2-year, 11/16" and up, 6 to 7 ft. trees	.50	4.75	45.00
Cortland, Super Size, 2-year, 11/16" and up, 6 to 7 ft. trees	.60	5.50	50.00

The 4 to 5 ft. trees can be shipped by parcel post if desired, but the two larger sizes by express only. If trees are ordered by mail, be sure to allow an additional sum for postage in accordance with Parcel Post Schedule on page 50.

Liberal Additional Saving on Early Cash Orders. See Page 50.



Elberta.

PEACHES

Thrifty orchards of healthy, well grown Peach trees have accomplished much in bringing wealth to many a farmer in the great Peach Belts of Michigan and Ohio, as well as in other Peach growing sections. We take pride in the fact that we are enabled to play an important part in the continued planting of new orchards, by furnishing many of the larger planters in these districts with vigorous, well grown peach trees, free from insects, perfectly healthy; with well ripened wood and splendid roots, all stored in frostproof cellars beyond the possibility of injury during the winter. Trees should be planted 16 to 18 feet apart. ALL VARIETIES LISTED ARE FREESTONE PEACHES. WE OFFER NO CLINGS.

Captain Ede Very large; yellow, tinted with red; flesh yellow and about same quality as Elberta; claimed by some to be harder than Elberta, and as good a market sort. Ripens in August and September.

Champion Considered the highest in quality of all white fleshed peaches. Flesh tender and juicy, with pleasant flavor. Skin is creamy white with splashes of carmine and darker red. Tree is vigorous, healthy and productive. Ripens in late August or early September.

Elberta The standard market peach of the entire country. Very large; yellow with red blush; flesh is yellow, tender and juicy; very highly flavored. Rank, vigorous grower. Does well in all peach growing sections. Ripens middle of September. Freestone.

J. H. Hale Claimed to be superior in all ways. It averages one-third to one-half larger than Elberta, ripens about five days earlier, and is superior in flavor; beautiful golden yellow, with carmine blush.

Rochester Earliest and best yellow freestone for home and market. Fruit large, yellow, sweet, juicy and of delicious flavor. Keeps and ships well. Ripens about August 10th, when there is no other yellow freestone peach on the market. Commands good price. Tree strong grower and hardy. An annual and prolific cropper.

Wilma A new variety of great promise. Supplies a long felt want for a good, productive, yellow peach ripening later in season than Elberta, as it is ten days later than that variety. Fruit is large, handsome and of good quality, yellow mottled and blushed with bright dark red; tender, juicy flesh of good flavor and quality.

Whitten-Ackerman Trees Are the Biggest and Best for the Money

Just notice the bundle of South Haven Peach Trees illustrated at the right. These are standard size, 1-year, 9/16" caliper, 5 to 6 ft. trees—the best to plant. No spindly whips or poorly branched stock here. Every tree well rooted, strong and vigorous, ready to jump right in and grow as soon as it is planted. These are a good, representative average of our entire stock that is now ready for you.

You won't find any baby size trees offered for sale in our nursery. We can't afford to sell them, you can't afford to plant them. When you see fruit trees advertised for less money than ours, or are promised a whole orchard for only a dollar or two, just check up on the size, grade and age of the stock before you buy it—then compare it with what we're offering, and we'll wager you'll call our trees the best.



1-year, 9/16", 5 to 6 ft. South Haven Peach Trees.

The Famous South Haven Peach

Here it is, folks—the Peach you've been looking for. No matter how good the varieties are that you've been growing, haven't you always wished for something just a little bit better? A Peach that would combine the good qualities of all your old favorites in one? Of course you have, and we believe South Haven fills the bill in that respect just about as well as anything you can hope to get for a long time to come.

Plant this extra large, extra fancy, extra early yellow Peach for home use and market. It combines all the good features of the famous Elberta—large size, excellent quality, delicious flavor, beautiful appearance and immense productiveness, but it ripens 12 to 16 days earlier, enabling one to get it on the market at a time when good Peaches are scarce, and when they bring the highest prices. It is of the finest quality as an eating Peach and is also a great shipper. In fact, we consider that it has every desirable quality of a high class Peach.

South Haven is remarkable in its rapid growing, young bearing habits, and is certain to bring quick returns and big profits wherever high class Peaches are in demand. You can't go wrong in planting South Haven.



South Haven.

	Each	10	100
1-year, 7/16", 4 to 5 ft. trees	\$0.30	\$2.85	\$27.00
1-year, 9/16", 5 to 6 ft. trees .....	.40	3.85	36.00

1931 Prices of Peach Trees

10% Discount From Prices Allowed For All Cash With Orders Received Any Time During 1931. 5 or more trees of one grade and variety only at the 10 rate; 50 or more trees of a single grade and variety at the 100 rate.

	Each	10	100
All varieties listed, except South Haven, 1-year, 7/16", 4 to 5 ft. trees	\$0.20	\$1.90	\$18.00
All varieties listed, except South Haven, 1-year, 9/16", 5 to 6 ft. trees .....	.30	2.85	26.00

QUINCES

The Quince crop is usually reliable and not often destroyed by capricious weather variations. The fruits are highly regarded for preserving, for jelly, and above all for that delectable, golden composition, "Quince Honey." Both fruit and flowers are quite fragrant, and the trees and bloom highly ornamental.

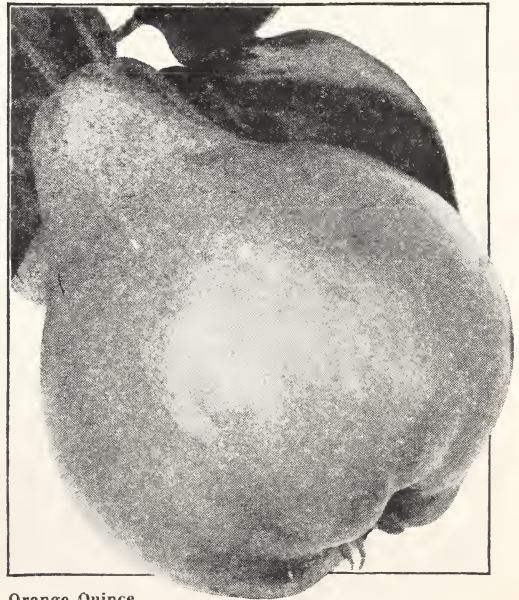
Orange Sometimes called Apple Quince. Fruit large, round, with a short neck; color bright yellow; flesh firm and tough until cooked, when it becomes tender, juicy and of excellent flavor. We recommend the Orange as the best all around variety to plant. Quinces always bring a good price when marketed. Tree bears young.

PRICES OF QUINCE TREES

	Each	10	100
Orange Quince, 2-yr., 4 to 5 ft. trees...	\$0.50	\$4.75	\$45.00
Orange Quince, 2-yr., Super-Size.....	.75	7.00	65.00

Five or more trees of a single variety at the 10 rate; 50 or more at the 100 rate. 10% discount for all cash with order.

\$5.00 subscription to AMERICAN LANDSCAPE ARCHITECT for a full year included with \$15.00 cash orders. See page 3 for full details.



Orange Quince.

For Big Gift Planting of Flaming Giant see pages 24 and 25.

PLUMS

Plums are hardy and grow vigorously in nearly all sections, succeeding on any medium fertile soil. The market for Plums is rarely overstocked, so that good, profitable returns are assured. Plant 16 to 18 feet apart.

Bradshaw A very large and fine early plum, dark violet-red, juicy and good. Very productive; valuable for market. Tree is very hardy and vigorous. Ripens about the middle of August.

Burbank Most profitable market variety. Tree hardy, spreading, vigorous and very heavy yielder. Bears young. Fruit large, and of excellent quality; cherry red, with lilac blooms. Ripens in August.

German Prune Large, dark purple, sweet. One of the best for canning. Excellent for drying. Plant a few trees and dry your own for Winter use. Ripens in September.

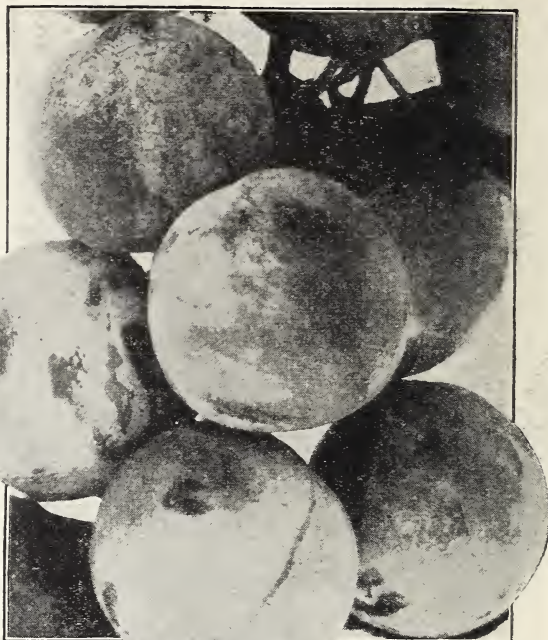
Lombard Medium size, violet-red, juicy, good, hardy and exceedingly productive; probably the leading market variety of all European kinds; extensively used for pies. Ripens in August.

Monarch Very large, roundish oval. A very handsome, rich, purple plum that has attained popularity more quickly than any other plum of recent introduction. Flesh golden yellow, juicy and sweet. Tree strong grower, bears young and yields abundant crops. One of the most valuable. Ripens in October.

Reine Claude (Green Gage). An unusually high quality eating plum, and because of its rich flavor, one of the very best for canning. Large, yellowish green, juicy, melting, sugary and delicious. Ripens quite late, and hangs for a long time on the trees. Very hardy and productive.

PRICES OF PLUM TREES

	Each	10	100
Plums (all varieties listed), 2-year, 9/16 inch, 5 to 6 ft.	\$0.50	\$4.50	\$42.50
Plums (all varieties listed), 2-year, Super-Size .....	.75	7.00	65.00



Burbank.

German Prune.



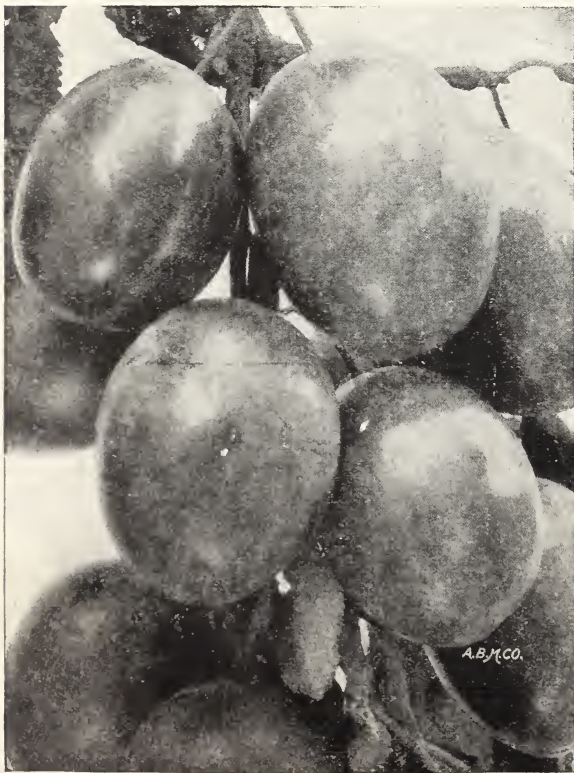
MINNESOTA HYBRID PLUMS

The New Minnesota Plums were produced by crossing Burbank and other Japanese varieties with our hardy native sorts. They are hardy anywhere in the Northwest, and begin to bear the second year from planting, producing fruit that will equal in quality and size the best California plums.

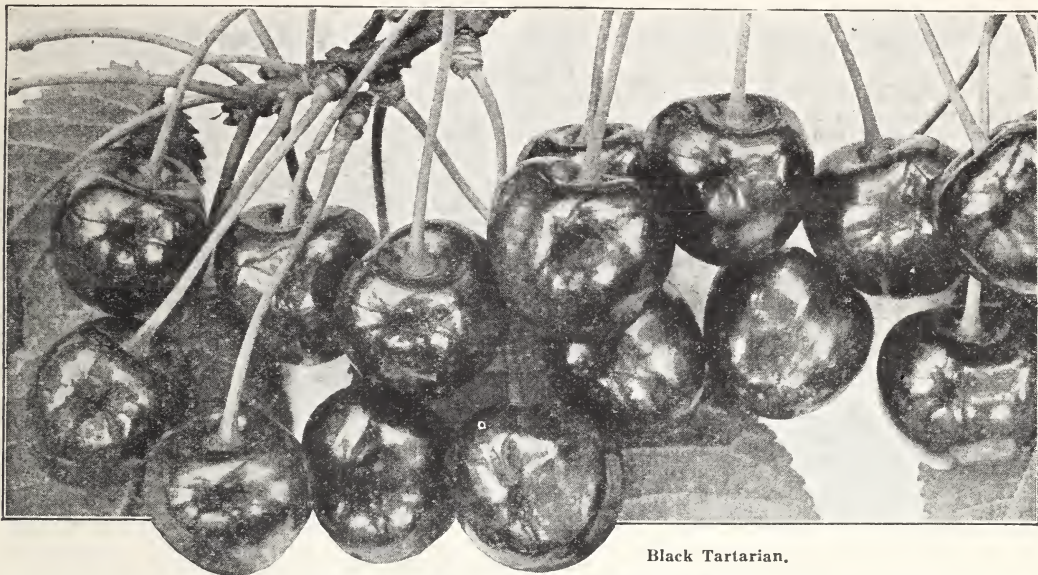
We have selected Monitor and Tonka as two of the best of these Hybrids, and describe them below.

Monitor One of the best market plums for the Northwest. It has high quality, firm flesh and large size, some being more than 1 3/4 inches in diameter. Color is deep red, and flavor excellent. A very productive and regular bearer. An unusually vigorous grower that naturally produces a compact, well shaped head with little pruning. Limbs are strong shouldered.

Tonka Tree is hardy, exceedingly productive: fruit large, small pit, medium light red: flesh yellow, firm, tender, sweet and rich. Ripens August 15th to early September. Excellent keeping and shipping qualities.



Reine Claude.



Black Tartarian.

SWEET CHERRIES

By many, Cherry orchards are considered to produce the most profitable of any fruit. The trees commence bearing in two to three years from planting, growing rapidly, so that in a short time a handsome profit may be realized. By a careful arrangement of varieties the time of ripening can be lengthened through June, July and August, thus permitting the crop to be harvested to best advantage.

Sweet varieties grow more rapidly and make larger, pyramidal trees. Plant 18 to 20 feet apart. The Sour varieties are dwarf and bushy, and bear earlier. Plant 15 to 18 feet apart.

Bing One of the best known and most popular dark sweet Cherries. Fruit large, dark colored, nearly black. Considered one of the most profitable. Tree hardy and vigorous. Seems to succeed in the East better than most Sweets. Ripens late June. Should be included in every commercial or home planting.



Bing.

Black Tartarian Very large purplish black, heart-shaped; flesh mild and sweet, and quality considered, one of the best for market and dessert. Tree is vigorous, upright grower and immense bearer. Ripens in July. We recommend this as one of the best sweets for home use.

Gov. Wood One of the best. Very large, light yellow, marbled with red; juicy, tender, rich and delicious. Tree healthy and a great bearer. Fruit hangs well on tree. Ripens last of June.

Napoleon (Royal Ann). Of fine appearance and very largest size. Color yellow and amber, with bright red blush; flesh firm, juicy and delicious. Profitable for market, finding a ready sale both for canning and dessert. Bears enormous crops, ripening in July.

Windsor Fruit large, dull red; flesh remarkably firm, of fine quality, and a good bearer. Tree hardy and prolific. Ripens middle of July. Highly recommended by some of the most prominent fruit growers of the country. A valuable addition to any garden or orchard.

PRICES OF SWEET CHERRIES		Each	10	100
Sweet Cherries (all varieties listed), 2-year,				
9/16 inch, 5- to 6-ft. trees.....		\$0.60	\$5.75	\$52.00
Sweet Cherries (all varieties listed), 2-year,				
Super-Size .....		.75	7.00	65.00
Five or more trees of a single variety at the 10 rate; 50 or more at the 100 rate. 10% discount for all cash with order.				

Extra Special Discount on Early Cash Orders. See Page 50.

SOUR CHERRIES

Early Richmond Medium size, dark red; acid flavor. One of the most popular sour Cherries, and is unsurpassed for cooking purposes. Tree a splendid grower and exceedingly productive. Very hardy. Ripens in June.

Large Montmorency Larger and finer than Early Richmond, and ripens about ten days later. One of the finest flavored sour Cherries. Bears enormous crops regularly. Best all-around Cherry grown. Tree bears two to three years from planting. Ripens late June and first of July.

May Duke A large, red, juicy and very rich Cherry; its acidity being pleasantly tempered to the advantage of sensitive teeth. Ripens between early part and middle of June, and is one of the best of the earlier sour Cherries.

Wragg A hardy, vigorous grower and especially attractive. Fruit medium, dark purple, of excellent quality, ripening in August. We know of no other sour variety that can take the place of Wragg, as it ripens at a time when the other standard kinds are off the market, thereby greatly lengthening the season and usually commanding the highest prices.

PRICES OF SOUR CHERRIES

Sour Cherries (All varieties listed)	Each	10	100
2-year, 9/16", 5 to 6 ft. trees.....	\$0.45	\$4.35	\$42.00
Sour Cherries (All varieties listed)			
2-year, Super-Size .....	.65	6.00	55.00

Five or more trees of a single variety at the 10 rate; 50 or more at the 100 rate. 10% discount for all cash with order.



Large Montmorency.

Planting and Care of Fruit Trees

The first essential is to secure good, healthy trees of the proper age and grade for best results. Don't get trees that are too small, and never use anything but a two-year tree, unless planting Peach. It so happens that the Peach matures quicker than other trees, and is at the proper stage of development for best planting results after growing one year from the bud. Other fruit trees should be grown two years from the graft before planting. Especially is this true of Apples. Never plant a one-year Apple. It doesn't pay. You'll simply have to nurse it along for a year or two to get it up to the same size that you might have planted in the first place.

Don't buy blindly. Make certain that your source of supply is reliable, and that you are to get good sized, standard grades of dependable varieties. The Table below will show you the proper planting distances for best results:

PREPARATION OF TREES. This is an operation of greatest importance, consisting of pruning both roots and branches just before planting. It is often improperly done; and not infrequently it is entirely omitted by the inexperienced planter. In pruning the top it is usually considered a safe rule to cut back one-half of the growth of the previous season. Or if it is desired to head the tree lower than when received from the nursery, cut off the entire top at the desired height, and form an entirely new top from the sprouts that will develop from new growth.

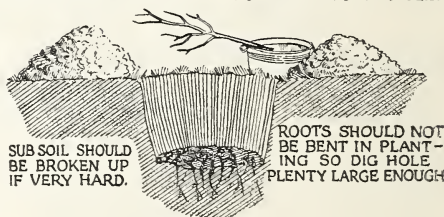
The ends of the large roots should be made smooth with a sharp knife, where they have been roughly cut in digging. Always cut from the bottom of the root with an outward cut. Always use a sharp knife when pruning either roots or tops.

If the roots seem dry when the trees are received, or if the ground in which trees are to be planted does not contain an ample amount of moisture, it is well to stand the trees root down in a tub of water for 24 hours before planting.

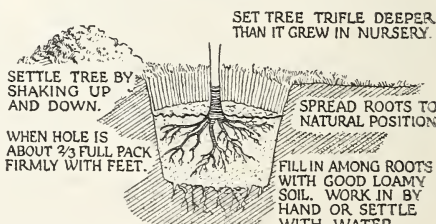
PLANTING. The holes should be dug large enough to receive the roots of the trees without cramping or bending them from their natural position. The tree having been properly pruned, should be held upright and the earth filled in about the roots, the finest and best soil from the surface being worked in among them. When the roots are well covered, the earth may be tamped hard to the roots, and filled up with loose earth on top. When the hole has been half filled, pour in a pail or two of water; let this settle a little, then finish the planting by placing soil enough about the tree to raise it somewhat higher than the surrounding surface. When the earth settles, the tree should stand one or two inches deeper than it grew in the nursery row. When set in Autumn, it is well to raise a mound of earth about the trees a foot or more in height. This will prevent the tree being swayed by the winds, or being thrown out by the frost during the Winter. The mound should be removed early in the Spring.

MULCHING. This is properly done by placing a layer of coarse manure or litter from three to six inches deep about the tree, taking pains that it does not come in contact with the body of same, extending one or two feet further in each direction than the roots. This keeps the ground moist and of equal temperature, usually rendering watering unnecessary. Trees properly mulched are more certain to live and make much greater growth than those which are not so treated.

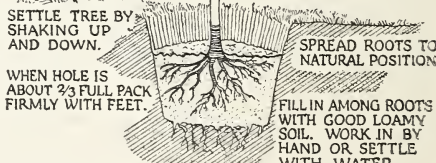
SET TREE IN TUB OF WATER WHILE DIGGING HOLE.



ROOTS SHOULD NOT BE BENT IN PLANTING SO DIG HOLE PLENTY LARGE ENOUGH

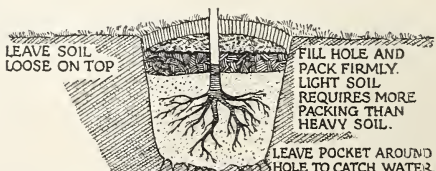


SET TREE TRIFLE DEEPER THAN IT GREW IN NURSERY.



SPREAD ROOTS TO NATURAL POSITION

FILL IN AMONG ROOTS WITH GOOD LOAMY SOIL. WORK IN BY HAND OR SETTLE WITH WATER.



LEAVE SOIL LOOSE ON TOP

FILL HOLE AND PACK FIRMLY. LIGHT SOIL REQUIRES MORE PACKING THAN HEAVY SOIL.

LEAVE POCKET AROUND HOLE TO CATCH WATER.

IMPORTANT: WE DO NOT ENCOURAGE THE USE OF MANURE. IF WELL DECAYED AND MIXED WITH SOIL IT SHOULD BE USED ONLY ON THE TOP.

Red Gold.



STRAWBERRIES

Red Gold The Variety with a "Wild Strawberry" Flavor. A new, early variety that seems to have taken the country by storm during the past year or two. A wonderful plant maker with a strong, deep growing root system, that is claimed to withstand more drought and frost conditions than any other strawberry grown.

The fruit stems are exceptionally large, measuring 10 to 15 inches long, or more than double the size of Sen. Dunlap, and carrying an average of three times as many berries to the stem. Berries are very large, with the record of an individual berry that measured $8\frac{1}{2}$ inches around.

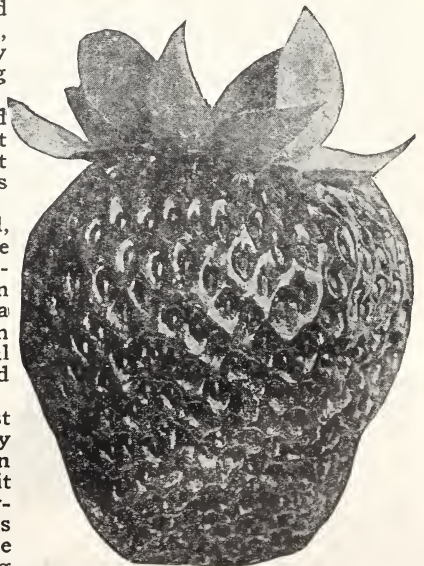
The berries are of distinctive shapes, holding their size to the end of the long, thirty-day fruiting season. They are firm and meaty, with flesh tender and melting, filled with sweetness, and a real old-fashioned wild strawberry flavor. Color is a bright, glossy red, making them especially attractive when marketed.

Forty-three berries, buds and blossoms have been counted on a single fruit stem, with eleven stems on the one plant, the tallest measuring $15\frac{1}{2}$ inches, and so strong and sturdy as to hold the large berries well up from the ground, making picking a pleasure.

We guarantee to furnish customers with true-to-name Red Gold, and you'll find our price far more attractive than that commonly asked elsewhere for plants no better. We suggest that you order Red Gold early, as our supply is limited this season.

Aroma A good late variety, and until the advent of Pearl, Aroma was long considered the standard late market Strawberry. It is still grown extensively in all sections of the country, but is especially popular in the Southern states, where many fruit growers' associations plant Aroma exclusively. The berries are large, nearly round, and of firm texture, deep red in color and good flavor, making it ideal for shipping. Although good yields are sometimes produced on light ground, Aroma is at its best on the heavier soils.

Cooper Beyond question this variety yields the biggest Strawberries ever produced. Its large, bushy plants are full of vigor and vitality that enables it to be grown successfully in all soils and climates. The flavor of its fruit is delicious; often being compared to that of the wild Strawberry. Cooper produces its crop early in the season, and is especially adapted to fancy, local market trade, where its large size and attractive appearance result in quick sales at big prices.



Cooper.



Premier—The Earliest
Good Strawberry.

Premier Too well known to require a description. A standard of excellence with all growers, and the earliest worth while strawberry we know of. This feature alone makes it a great money maker, for it yields its fruit crop at a time when strawberries are in great demand, and buyers everywhere are willing and anxious to snap up every available quart of Premier, paying the highest prices for this fancy, early fruit.

Premier is unusually healthy, being free from leaf spot and other diseases. Its deep, heavy roots enable it to easily withstand dry weather, and mature a full crop of big berries when many varieties are a complete failure.

Remember, our stock is from the original, heavy fruiting strain, bearing our true-to-name guarantee.



Gator-Hide Mulch Paper

Especially valuable for use with Strawberry plants. Saves hoeing—keeps down weeds—promotes better growth, earlier fruiting and larger berries—keeps soil moist during dry weather—berries are always clean, never sandy. A Special Trial Roll,

45 feet long by 18 inches wide, heavy weight paper. POSTPAID FOR ONLY \$1.10, NET (No disc.). Full instructions for application and use with each roll.



Beaver.

Beaver (Illustrated on Front Cover). A wonderful new Strawberry recently originated in Wisconsin, and one that seems destined to soon take its place among the leading kinds, and which we predict will even replace some of the well known standard sorts of today. To begin with, Beaver originated from a cross of Dr. Burrill and Premier. It seems to have retained all the valuable fruiting features of Premier, and in addition has, like Dr. Burrill, that wonderful ability to produce a large number of new plants. For this reason, Beaver is far more certain than Premier to produce a good fruiting row under unfavorable weather or soil conditions, and from all reports we have had, is a good, dependable kind to tie to. We quote from the originator's description as follows, "Beaver is a perfect blossom plant, with dark green foliage, very strong and vigorous, good runner maker and drought resister. The berries are of a deep glossy red which extends over the entire berry to the heart of the fruit. Is very productive, hardy and frost resistant in both bud and blossom. The fruit is very firm and of such texture that it does not require picking more than twice a week. While we class the Beaver as an early variety, it extends over such a long period of time that it may also be classed among the late varieties. Rich, mild flavor, high color and firmness are some of its superior qualities, and predictions are that within a short time it will be the leading canning berry. In addition it is unsurpassed as a shipper. Leading growers are setting large acreage to Beaver, as its ability to stand up under extreme conditions, rich color, size and attractive appearance command the highest price."

Harvest King

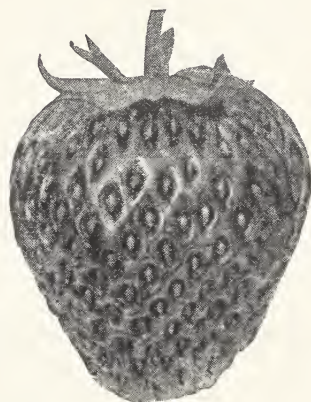
A new Strawberry of great promise, originated in Northern Michigan, and introduced last year by Henry Emlong & Sons. Often known as The King of all June-bearing Strawberries. An exceptionally hardy, vigorous, self sustaining sort, unusually free from frost injury, and apparently capable of bringing a fine crop of fruit to maturity, almost regardless of weather conditions. Harvest King blossoms late, thereby protecting itself from late spring frosts, and then matures its fruit so rapidly that it ripens with Gibson, Senator Dunlap, and other varieties of similar season. The berries are very similar to Premier in size, color, shape and quality. It is claimed by the introducer that Harvest King is even more productive than either Premier, Gibson, Senator Dunlap or Dr. Burrill, and that it not only excels in a commercial way on account of its heavy fruiting tendency, and generous supply of large sized, deliciously flavored, deep red colored fruit, but on account of its superior canning qualities as well, claiming also that for this use it requires less sugar than any other variety, and that it retains its original fine flavor and appearance, even after cooking. The plants are perfect flowering, requiring no other variety as a pollinizer. Foliage is abundant and healthy, furnishing ample protection to both blossoms and berries. Fruit stems are semi-rigid, holding fruit well off the ground when fully ripened. Remember, our stock is genuine Harvest King, bearing our usual guarantee of being absolutely true-to-name.



Harvest King.

Dr. Burrill

If you are looking for a dependable, all-purpose Strawberry, you will make no mistake in planting Dr. Burrill, for it stands among the very best in midseason varieties. It is a cross between the old "standby," Senator Dunlap, and Crescent, closely resembling Dunlap in appearance, but claimed by many to produce bigger, better berries, and more of them. Dr. Burrill is one of the cleanest, healthiest plants grown, never showing rust nor leaf spot, and so hardy and adaptable that it produces a good fruit crop anywhere, even in locations so unfavorable that many promising varieties entirely fail. Unusually valuable for either commercial purposes or for home use.



Dr. Burrill.

Senator Dunlap

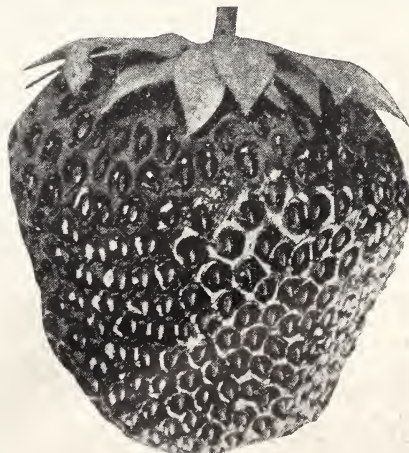
This is one of the oldest varieties commonly planted today, and never for a single season since its first appearance years ago, has it lost even the smallest part of its well earned popularity that has made it famous the world over. At the present time there are probably more Senator Dunlap being planted than ever before, proving conclusively that it is one of the surest and most dependable all-purpose Strawberries ever offered.

Pearl

By many this has been referred to as "The Latest Strawberry Without a Fault." Unquestionably it is the latest, often ripening its fruit as late as the Fourth of July; and if it has any faults, we have failed to find them after growing Pearl for several years. The fruit is everything that could be asked for to make it an ideal market berry. It is large in size, dark red to the heart, firm quality, with a tough outer skin that gives it unusual firmness and keeping qualities. Its prominent yellow seeds add the finishing touch to its attractiveness, and as it possesses a most delicate flavor, and is a heavy and sure cropper, what more could be asked for to make it an ideal late berry? When Pearl is in its prime, other varieties are off the market, and as it has the field to itself, the prices paid for Pearl are quite naturally the highest.

Gibson

An unusually safe variety for commercial planting, inasmuch as it always produces a big crop of large marketable berries, seeming to thrive equally well in all sorts of soils and climates. This is a feature hard to find in Strawberries, and one that makes a variety especially valuable. The berries are large, holding their size to the end of the season, and are all that could be asked for in color, flavor firmness and productiveness. Gibson is not only an ideal market berry, but one that is especially good for canning, and is one that should be included in every order, large or small.



Gibson.

Notice: Every variety of Strawberry Plants offered by us is perfect-flowering, and requires no other kind planted with it for proper pollinization. We have discontinued all pistillate varieties, as there are plenty of perfect-flowering sorts on the market that are better. Any variety we offer can be grown alone with perfectly satisfactory results; although several kinds may be grown together if you prefer.



Imperial Everbearing Strawberries.

EVERBEARING STRAWBERRIES

Imperial THE IMPROVED CHAMPION. An entirely new variety of our own introduction that we first offered four years ago, and which met with such instant enthusiasm and approval on the part of our many customers who grew it that we are now even more firmly convinced that Imperial is destined to care for a long-felt need in the Everbearing Strawberry World, in that it combines the most necessary requirements of productiveness, quality and flavor, without loss of size after the first few pickings, as has been the case with practically all of its predecessors. Imperial was first originated several years ago, being secured through a cross with Champion, which it somewhat resembles. Since then, through careful selection of the best and heaviest yielding plants, it has been bred to its present high state of perfection, and we are confident that Imperial will create for itself an enviable and lasting reputation in the Strawberry world. It is a long, deep-rooted plant, which is the secret of its great success; for it is able to get plenty of moisture from the deeper soil levels during the dry Summer and Autumn months, so that it keeps right on growing big, thrifty berries, when other kinds run small and dry up. Already Imperial has demonstrated most conclusively that for real Strawberry flavor, firmness and good keeping qualities it is superior to all other everbearers, bar none. A trial planting of Imperial will quickly convince you that this is no exaggeration.

Champion An improved Progressive that is undoubtedly grown more extensively today than any other everbearer. One that has been tried and tested, and in a few short years came to the front as a proven and worth while variety that is a dependable source of profit and pleasure, year in and year out. Champion has never had a crop failure—something unusual, and something to bear in mind when ordering your everbearers.

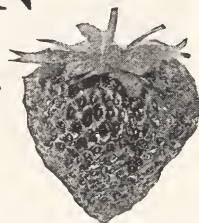
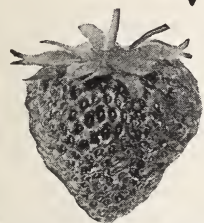
Mastodon Illustrated and fully described on inside front cover. Be sure to read about this wonder berry. The World's Largest Everbearer. **WE GROW THE INTRODUCER'S ORIGINAL STRAIN.**

For Big Gift Planting of Flaming Giant, See Pages 24 and 25.

WHITTEN-ACKERMAN

1931 Wholesale Prices on

Strawberry Plants (F.O.B. Bridgman)



TEN PER CENT DISCOUNT for All Cash With Orders, Received Any Time During 1931, or, if You Prefer, We Will Ship C. O. D. for Your Approval Until April 25th, 1931, Without Any Deposit, at Prices Listed Below.

IMPORTANT: (If cash accompanies order, and parcel post shipment is wanted, be sure to include an additional sum sufficient to cover carrying charges, in accordance with schedule on page 50).

STRAWBERRIES

(Five hundred or more of any one variety on this page may be purchased at the one thousand rate).

VARIETIES	Per 25	Per 50	Per 75	Per 100	Per 200	Per 300	Per 400	Per 1000
	\$0.35	\$0.60	\$0.80	\$1.00	\$1.50	\$2.10	\$2.60	\$ 6.00
Aroma .....	.50	.90	1.20	1.50	2.25	3.15	3.90	9.00
Beaver .....	.40	.70	.95	1.15	1.75	2.45	3.05	7.00
Cooper .....	.25	.45	.60	.75	1.15	1.60	1.95	4.50
Dr. Burrill .....	.25	.45	.65	.80	1.20	1.75	2.10	4.75
Gibson .....	.35	.60	.85	1.10	2.15	3.15	4.10	10.00
Harvest King .....	.45	.80	1.05	1.25	2.00	2.80	3.50	8.00
Pearl .....	.40	.70	.95	1.15	1.75	2.45	3.05	7.00
Premier .....	.70	1.20	1.60	2.00	3.00	4.20	5.20	12.00
Red Gold .....	.25	.45	.60	.75	1.15	1.55	1.85	4.25
Senator Dunlap .....	.60	1.00	1.40	1.70	2.60	3.60	4.40	10.00
Champion .....	.90	1.50	2.00	2.50	4.40	6.10	7.60	18.00
Imperial .....	.90	1.50	2.00	2.50	4.00	5.70	7.20	17.00
Mastodon								

GARDEN ROOTS

Mary Washington Pedigreed Asparagus

The new variety developed and introduced by the U. S. Dept. of Agriculture, and claimed to be an improvement over Martha Washington, in that Mary Washington is larger, and even more rust resistant. Growers everywhere are discarding other varieties for the famous Mary Washington, because it is earlier, the stalks larger, more tender, more productive, and best of all, it is claimed to be immune to rust.

Nothing that comes out of the home garden is so much appreciated as the tender tips and fresh stalks of Asparagus. A small bed of them kept weed-free, or a border along the garden edge, will supply the average table for six weeks or more in late spring.

In planting, make the soil rich; dig trench; set 12 to 18 inches apart, roots spread out, crown two inches below surface; and tamp in returned soil firmly.

Myatt's Linnaeus Rhubarb

Those who have grown this variety will hardly recognize the old "Pie Plant." It is an early, tender variety, without being in the least tough or stringy, with a mild, sub-acid flavor. We consider this one of the most profitable market garden crops, and one that should be produced more extensively. We offer good, strong roots, priced so low that our customers can purchase in quantities at very little expense.

Horseradish

This popular condiment is very easily produced in the home garden, and anyone who has compared the freshly dug article with that sold over counters can appreciate the value of the good, home-grown product so easily prepared. A half dozen roots are sufficient for a moderate supply, while a dozen will generously cover the requirements of the average family. As it spreads quite rapidly, the source of supply is easily maintained.



PRICES OF GARDEN ROOTS:

	Per 12	Per 25	Per 50	Per 75	Per 100	Per 200	Per 300	Per 400	Per 1000
Mary Washington Asparagus, 1-year No. 1.....	\$0.25	\$0.40	\$0.70	\$0.95	\$1.25	\$2.00	\$2.75	\$3.40	\$ 8.00
Mary Washington Asparagus, 2-year No. 1.....	.40	.75	1.40	1.90	2.30	3.50	4.90	6.10	14.00
Myatt's Linnaeus Rhubarb, 1-year No. 1, 8c each; 6 for 40c .....	.70	1.15	2.20	3.15	4.00	7.20	10.20	12.80	30.00
Horseradish, 8c each; 6 for 40c.....	.60	.90	1.65	2.40	3.00	5.30	7.40	8.90	20.00

Special Money Saving Bargains on Pages 26, 27 and 51.

GRAPE VINES

SELECTED VARIETIES—THE BEST OF MANY
Chosen for Their Flavor, Size and Productiveness

Agawam A large, dark red grape. Bunches large, compact. Berries large; pulp soft and sweet; vine vigorous. Ripens early.

Campbell's Early A large, dark blue grape of high quality; large size and attractive appearance, and a good shipper. Ripens ten days to two weeks ahead of Concord.

Catawba Berries large, round; when fully ripe of a dark copper color, with sweet, rich, flavor; late. An excellent variety.

Concord A large, purplish black grape. Bunch is large, shouldered and compact. Berries are large; flesh is juicy, sweet and tender; excellent flavor. Vine a strong grower; very healthy, hardy and productive. The most reliable and profitable market variety.



Concord
Grapes.

Delaware Berries are compactly set, light red, sugary and delicious. A favorite dessert grape, and among the very best red varieties.

Lucile A beautiful, bright red-dish color; bunch of good size; extremely prolific. Vine growth is prodigious. Flavor is foxy, but sweet even before fully ripe.

Moore's Early An early black variety, similar to Concord in looks and quality, but ripening about two weeks earlier. Has a peculiarly sweet flavor of its own. Vines are hardy and good bearers.

Niagara THE MOST POPULAR WHITE GRAPE.

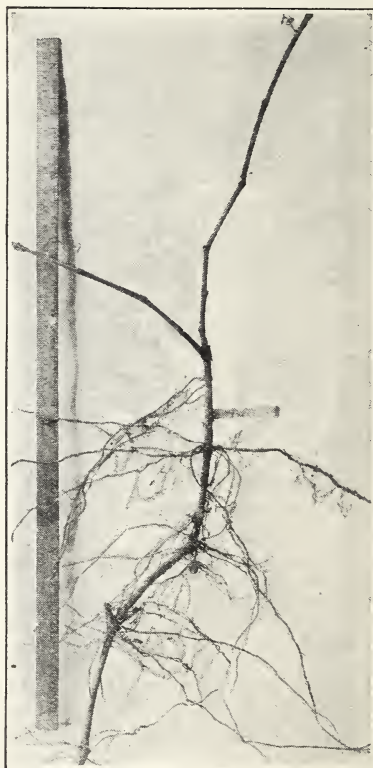
Perfectly hardy, and very productive. Bunches very large and compact.

compact; sometimes shouldered. Berries fully as large or larger than Concord, mostly round, yellowish green when fully ripe, slightly amber in sun. The skin is thin but tough and does not crack. Quality of the best, very little pulp, melting and pleasing to the taste. Of exceptional value for eating, grape juice or market.

Salem A strong, vigorous vine; berries large, dark copper color; thin skin, free from hard pulp; sweet, and of pleasing taste. Ripens first of September.

Worden An early black variety; very hardy, healthy and productive. In vigor and health Worden is surpassed by no other variety. It is practically immune from fungous diseases and a sure, heavy cropper.

Wyoming A red variety. Vines very hardy with thick, leathery foliage; berry bright red; large, flesh tender, juicy with strong aroma. Ripens early. One of the best red grapes we know of. Size nearly double that of Delaware.



Concord Grape Vine Produced from Extra Heavy, Selected Cuttings.

PRICES OF GRAPE VINES:

	Each	Per 6	Per 12	Per 25	Per 50	Per 75	Per 100	Per 200	Per 300	Per 400	Per 1000
Agawam, 1-year, No. 1.....	\$0.10	\$0.55	\$1.00	\$1.65	\$3.00	\$4.00	\$4.65	\$8.90	\$12.80	\$16.25	\$40.00
Agawam, 2-year, No. 1.....	.15	.80	1.50	2.50	4.50	6.00	7.00	13.40	19.20	24.40	60.00
Campbell's Early, 2-year, No. 1.....	.10	.55	1.00	1.65	3.00	4.00	4.65	8.90	12.80	16.25	40.00
Catawba, 1-year, No. 1.....	.15	.80	1.50	2.50	4.50	6.00	7.00				
Catawba, 2-year, No. 1.....	.20	1.10	2.00	3.30	6.00	8.00	10.00				
Delaware, 1-year, No. 1.....	.15	.80	1.50	2.50	4.50	6.00	7.00				
Concord, 1-year, Good Grade.....	.05	.25	.45	.80	1.50	2.00	2.30	4.45	6.40	8.15	20.00
Concord, 2-year, Heavy Rooted.....	.08	.40	.75	1.40	2.60	3.50	4.00	7.75	11.20	14.25	35.00
Concord, 3-year, Bearing Age.....	.12	.60	1.10	2.00	3.75	5.00	5.75	11.10	16.00	20.35	50.00
Lucile, 1-year, No. 1.....	.10	.55	1.00	1.65	3.00	4.00	5.00				
Lucile, 2-year, No. 1.....	.15	.85	1.60	2.65	4.80	6.40	8.00				
Moore's Early, 2-year, No. 1.....	.08	.40	.75	1.40	2.60	3.50	4.00	7.75	11.20	14.25	35.00
Niagara, 1-year, No. 1.....	.08	.40	.75	1.25	2.25	3.00	3.50	6.70	9.60	12.20	30.00
Niagara, 2-year, No. 1.....	.15	.80	1.50	2.50	4.50	6.00	7.00	13.40	19.20	24.40	60.00
Salem, 2-year, No. 1.....	.10	.55	1.00	1.65	3.00	4.00	5.00				
Worden, 1-year, No. 1.....	.10	.55	1.00	1.65	3.00	4.00	5.00				
Worden, 2-year, No. 1.....	.20	1.10	2.00	3.30	6.00	8.00	10.00				
Wyoming, 1-year, No. 1.....	.10	.55	1.00	1.65	3.00	4.00	5.00				
Wyoming, 2-year, No. 1.....	.15	.85	1.50	2.45	4.50	6.00	7.50				

10% Discount for All Cash With Order.



A VINEYARD IS A LIFETIME INVESTMENT

Select Your Planting Stock With Care

Every Whitten-Ackerman Grape Vine is guaranteed to be true-to-name, free from disease and propagated from productive strains. The cuttings for our vines are all taken from heavy producing vines, such as illustrated above, each vine being selected for productiveness and size of fruit.

When buying from us you are absolutely assured of getting the best—vines that will produce heavy, uniform yields year after year—a result that cannot be secured from cuttings made in a haphazard way, regardless of quality—a practice all too common in recent years.

Our Grape Vines cost no more than others—you don't pay for the added quality. You can't afford to experiment with vines of unknown origin—we can't afford to sell them.



A well cared for vineyard, such as the field of Concord shown above, is a life time source of pleasure, pride and profit. Give it the ordinary good care it deserves (proper pruning, frequent cultivation, ample soil fertility), and it will go right ahead indefinitely, yielding bumper crops year in and year out.

We don't know of a single farm crop that can be relied on with the same assurance as the grape harvest. Many a grower has been able to keep the wheels turning through a lean year, only because of his grape crop. It's good insurance for anyone. Better plant a few acres this year, while good vines are still cheap.

How to Plant and Care For Small Fruits

BLACKBERRIES. The time has been when a crop of Blackberries was a very uncertain quantity North of Pennsylvania. But since the introduction of hardy and improved varieties, large fruit may be grown in almost any part of the country with a reasonable degree of certainty. The culture of the Blackberry is essentially the same as that of the Raspberry, except that as it is a stronger bush, the Blackberry needs a little more room and longer trimming.

Plant in rows six to seven feet apart, with plants three to four feet apart in the row. Keep the ground light and rich. Give thorough and frequent cultivation, and do not permit any weed growth for best results. Pinch canes back when they have reached a height of from two to three feet.

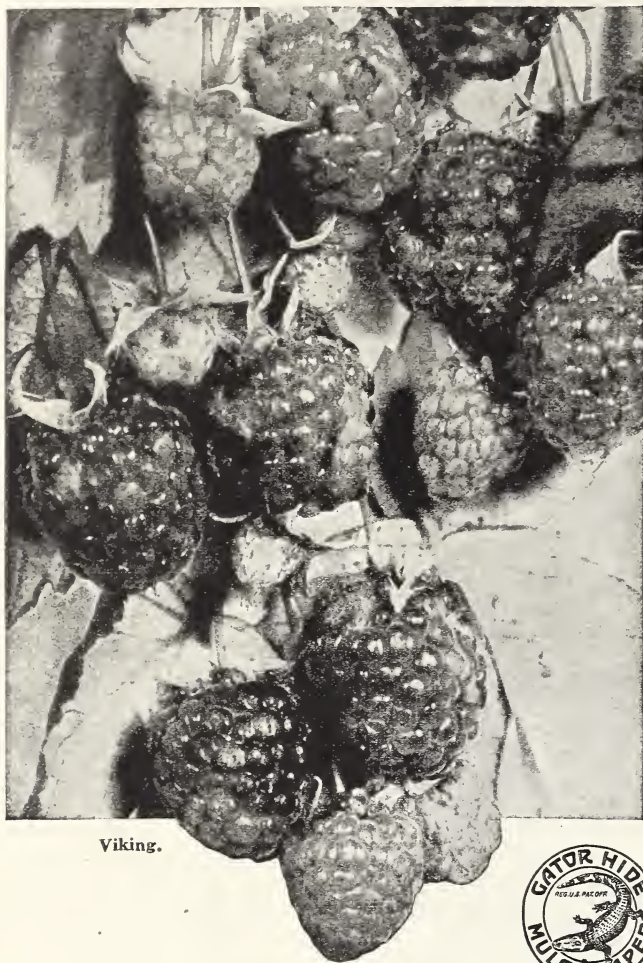
DEWBERRIES. The vines should be set in rows five feet apart and separated by a distance of three feet in the row. In the North it is best to train the fruiting wood on stakes and wire each Spring, trimming back and pruning out the superfluous wood which is to produce the fruit during the coming season. Also a mulch should be applied in late Autumn for Winter protection. In the South it is not necessary to train the vines on a wire, but they may be grown by thinning out the fruiting wood each Spring, and pruning out all new growth once each month until after blooming time, after which only a sufficient new growth should be left to provide for the next year's crop.

GRAPES. In all cases they should be planted where they will have free exposure to sun and air. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. It is preferable to dig individual holes for each vine, as when planting trees, making certain that the opening is amply large to allow the roots to be distributed naturally, without undue crowding or curling. Cut off several inches from roots when planting. When planting by fence or building, set vines about eight feet apart. For vineyards, make rows eight feet apart, with vines set eight to ten feet apart in the row. It is well to set a stake

with each vine at planting. The first year train one shoot only up to the stake; pinch off all others, and also all laterals or side shoots that appear during the first season. The following Spring, while still dormant, cut the vine down to within three or four buds from the ground, and again train up one shoot in the same manner. When this shoot reaches the height of the top wire, pinch off the terminal bud, which will cause lateral branches to be produced, that are to form the arms of the mature vine.

RASPBERRIES. Raspberries are rightfully deserving as leaders in commercial importance among the bush fruits. They are easy to grow, and yield good looking, large sized, richly flavored fruit—a combination hard to beat. You can depend on any variety we list to produce fruit having all of these desired qualities. Any soil that will produce good field crops is suitable for raspberries. Pulverize the ground thoroughly and manure liberally. The red or sucker varieties should be planted in rows six feet apart, with plants three feet apart in the rows, requiring 2,400 plants per acre. The cap varieties for field culture should be planted in rows seven feet apart, with plants three feet six inches apart in rows, requiring 1,725 plants per acre. In garden culture plant four feet apart each way. Early in June, or when the young canes have made a growth of from one and a half to two feet, pinch off tip ends to make them grow out laterals. This makes them stocky and bushy, and able to resist winds without falling over. The fruit is also produced on this wood a year later in an erect and upright manner, without trailing on the ground. After fruiting, remove all old fruiting wood, as the new canes need all the room, and should have all the strength the root can furnish. This also keeps field in healthier condition, as disease is usually first transmitted from the old wood. Burn as soon as trimmed out and carried from the field.

Double Discount on Early Cash Orders. See Page 50.



Viking.



RED RASPBERRIES

Viking A notable new Red Raspberry rapidly coming to the front, and taking a recognized place as a real money maker. The Viking originated at the Ontario Horticultural Experiment Station from a cross of the two well known kinds, Herbert and Marlborough. In growth it produces taller, heavier canes than Cuthbert, and the canes remain upright, even when loaded with fruit, thus facilitating picking. Also almost entirely free from thorns or briars. Fruit is larger than Cuthbert, firm, and carries well; of good quality and substance. Color is a bright, lively red. So far, stocks of Viking are very scarce and necessarily high priced. Our propagating stock was imported by us direct from Canada, and we can positively guarantee to furnish genuine, true-to-name Viking.

This is a strong, hardy, vigorous growing type, and we recommend it unhesitatingly to all customers. While our supply is still somewhat limited, we are able to price it at a considerably lower figure than last season, and in both one-year and two-year grades. Do not wait longer to get started with Viking, but save a year and plant now, as many as your pocketbook affords. Viking is a money-maker and will bring certain returns. After you've seen it fruit, we know you'll increase the size of your planting.

Gator-Hide Mulch Paper

IMPROVED THIS YEAR, AND BETTER THAN EVER BEFORE

Especially valuable for use with Raspberries, Blackberries, Strawberries, Grape Vines, and all small fruits. Saves hoeing and cultivating — keeps down weeds — promotes better growth — soil always moist, insuring bigger, better berries, and a full crop, even in dry weather.

A Special Trial Roll, 45 feet long by 18 inches wide, heavy weight paper, POSTPAID FOR ONLY \$1.10, NET (No disct).

Full instructions for application and use with each roll. (No Canadian orders accepted for mulch paper).

PRICES OF RED AND PURPLE RASPBERRY PLANTS

	Per 12	Per 25	Per 50	Per 75	Per 100	Per 200	Per 300	Per 400	Per 1000
Cuthbert, 1-year, No. 1	\$0.50	\$0.80	\$1.50	\$2.00	\$2.50	\$4.00	\$5.70	\$7.20	\$17.00
Flaming Giant, 1-year, No. 1	3.50	6.00	11.00	17.50	20.00				
King, 1-year, No. 1 .....	.50	.80	1.50	2.00	2.50	4.00	5.70	7.20	17.00
Latham, 1-year, No. 1 .....	.60	1.10	2.10	3.00	3.75	7.00	9.75	12.00	27.50
Latham, 2-year, No. 1 (Transplants) .....	.95	1.60	3.10	4.50	5.70	10.90	15.60	19.80	47.00
Royal Purple, 1-year, No. 1 Tips .....	.90	1.50	2.80	3.70	4.50	7.80	10.80	13.20	30.00
St. Regis, 1-year, No. 1 .....	.50	.80	1.50	2.00	2.50	4.00	5.70	7.20	17.00
St. Regis, 2-year, No. 1 (Transplants)	1.20	2.20	4.20	6.00	7.50				
Victory, 1-year, No. 1 .....	.50	.80	1.50	2.00	2.50	4.20	6.00	7.60	18.00
Viking, 1-year, No. 1	1.25	2.00	3.75	4.95	6.00	10.40	14.40	17.60	40.00
Viking, 2-year, No. 1 (Transplants)	2.25	3.75	7.00	9.25	11.25	19.50	27.00	33.00	75.00

Flaming Giant A strong, hardy red Raspberry, originating in the Northwest; heavy bearing, large berries. Be up-to-date—try out the new varieties as they are offered. Read complete description of Flaming Giant on page 25 and learn how easily a liberal gift planting is made available to early cash buyers.

Victory This variety is of especial value in that it possesses every requirement of a profitable commercial Raspberry. In productiveness, size, flavor and general appearance, Victory is away above the average, and no matter what your soil or local weather conditions, you can plant Victory with safety and every assurance of success, for it originated in Northern Michigan where it has withstood a temperature of 30 degrees below zero without injury to the tip of a single cane. The quality is of the best, the firmness of its fruit insuring perfect shipping qualities. Victory holds the record of a single bush producing 19 pints of berries in one season. This speaks well for its productiveness. Victory belongs in every Raspberry planting, and should be a part of your order without fail.

10% Discount on Red Raspberry Plants When All Cash Accompanies Order

Latham The Queen of the Northwest. This is a comparatively new variety, originated at the Minnesota State Fruit Breeding Farm, and which in a few short years has become a popular favorite in all fruit growing sections. We have no hesitation in giving Latham our unqualified recommendation, for after fruiting it several years, we have found it to be an ideal berry, of extra good quality, and all that the intro-ducers have claimed for it. Latham is a tall, vigorous grower with extra heavy canes, foliage dark green, and extremely free from disease. Fruit ripens same time as Cuthbert, and is an exceedingly productive sort. Much larger than Cuthbert, some berries measuring an inch in diameter. Color is good, quality of the best, with an excellent Raspberry flavor. One of the best for either shipping or home use. An ideal canner.

Cuthbert For years this reliable old variety has been grown in all parts of the country, highly prized by everyone familiar with it. Season after season it has continued to produce big yields—money making crops that have made Cuthbert famous. Surely it is one of the best main crop varieties we know of; and while it is as good a market berry as any, it is of especial value for canning purposes on account of its delicious, rich flavor, and ability to remain canned for a long period without fading.

King Perhaps the most outstanding feature of this variety is its earliness. The first berries usually ripen about the first of July, and heavy fruiting follows for from four to six weeks. The berries are borne in clusters the entire length of the bush, making possible really enormous crops of fruit. The berries are large, firm and attractive, and are easily picked as they ripen evenly. King thrives equally well on light or heavy soils, and being perfectly hardy, has never been known to winter-kill.

St. Regis The Best Everbearing Red Raspberry. This, we believe, was the first everbearing red Raspberry, and in our opinion is the best. We have grown the newer introductions as they appeared from time to time, but have discarded them all in favor of St. Regis. This is the one sure everbearer that brings in a full crop of fruit every Autumn. St. Regis is the only Raspberry we know of that will regularly produce two full crops each year, with a certainty of double profits every season. Give it a trial this year, and you'll plant more the next.

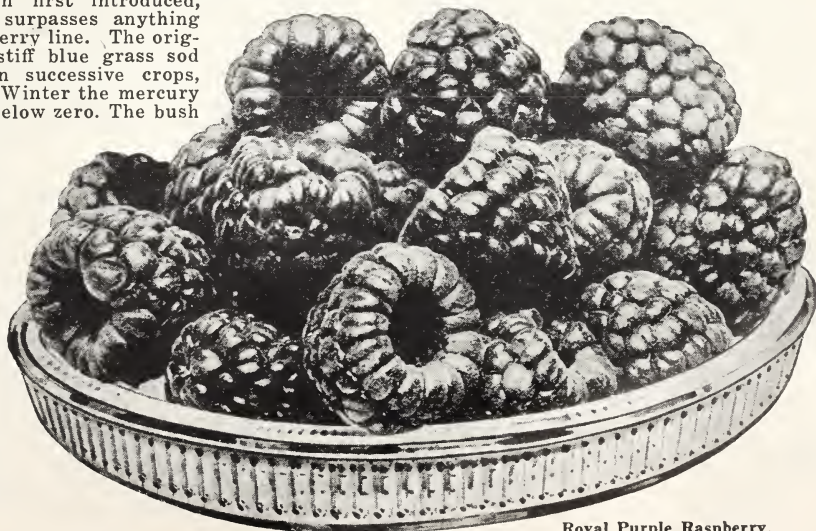
Royal Purple Raspberries

The Best of the Purplecaps

The originator, a resident of Indiana, had this to say for Royal Purple when first introduced, some years back: "It surpasses anything I have seen in the Raspberry line. The original bush stands in a stiff blue grass sod and has borne thirteen successive crops, and some of the time in Winter the mercury has gone to 35 degrees below zero. The bush is of healthy growth, and the fruit is of large size." The plants are model growers, vigorous and healthy. Berries are of purple color, large in size, firm and of excellent flavor; do not crumble when picked. In quality Royal Purple is more nearly like the Red Raspberry than any other Purplecap. For those who dislike growing the red varieties on account of the trouble-some shoots or suckers, we recommend Royal Purple which does not sucker, but propagates from tips or layers only.



Latham.



Royal Purple Raspberry.

10% Discount on Red Raspberry Plants When All Cash Accompanies Order.



CUMBERLAND

*The Best
of the
Black-
caps*

PRICES OF BLACK RASPBERRY PLANTS:

	Per 12	Per 25	Per 50	Per 75	Per 100	Per 200	Per 300	Per 400	Per 1000
Black Pearl, 1-year, No. 1 Tips	\$0.50	\$0.95	\$1.35	\$1.90	\$2.40	\$4.60	\$6.60	\$8.40	\$20.00
Cumberland, Kansas and Plum Farmer, 1-year, No. 1 Tips .....	.45	.85	1.10	1.60	2.00	3.80	5.40	6.80	16.00
Quillen, 1-year, No. 1 Tips	3.00	5.00	7.50	9.00	10.00				
Cumberland, 2-year, No. 1 (Transplants)	1.20	2.20	4.20	6.00	7.50	14.00	19.50	24.00	55.00



Plum
Farmer.

Cumberland Known as the largest of all blackcaps, and the very best midseason kind. We advise planting Cumberland as a main crop variety. No blackcap has ever been grown as extensively as Cumberland, nor attained its great popularity in all Raspberry producing sections of the country. It is a heavy yielder, the berries large, a rich black in color, fruit firm and of delicious flavor. The bush is absolutely hardy, vigorous growing, producing plenty of fruiting wood; especially free from anthracnose, the common disease of all Raspberries. Cumberland is the greatest money making blackcap of all time.

Kansas A valuable early blackcap so strong and hardy as to endure extremes of cold and drought, and yet bear heavy crops of very black, juicy, good flavored and good sized berries. Not a new variety, but one of the best.

Plum Farmer This is the best early blackcap in existence. The plants are fine growers, free from disease, producing many laterals, thus giving lots of fruiting wood, insuring a big crop of fruit; while the berry is very large, and of excellent quality. Plum Farmer ripens very early, producing most of its fruit in one week. Practically the entire crop can be harvested in three large pickings, enabling the grower to reach an early market, and harvest the crop with a minimum amount of labor.

Quillen This variety originated a few miles south of Indianapolis, Indiana, and while not a new variety, it has never been grown extensively, and so far is but little known. Recent trials during the past two or three years have shown Quillen to be practically immune to Mosaic, Anthracnose and other serious diseases. Inasmuch as its fruit is even larger than Cumberland, and of fully as good quality and texture, it seems to have all the necessary qualities of a first class black Raspberry, and we are confident that within a short time it will become one of the standard leading varieties where black Raspberries are known and grown. Our supply this season is very limited, and the price necessarily high. Nevertheless, we urge you to get started this season with at least a few Quillen. It is a purchase we know you will not regret, and that after you have tested it you will surely want more. Order early to be certain of having your order filled.

Black Pearl One of the newer varieties. An early sort that produces its crop in advance of Cumberland, and one that is sometimes preferred to Plum Farmer. Berries are large, of good quality, and firm. Black Pearl is a heavy yielder, and as the plant is hardy and disease-free, it is a good early sort to tie to. Our supply is limited this season. Early orders will receive preference.

Cumberland Black Raspberry Transplants

This season we are able to offer customers a limited supply of choice, two-year black Raspberry transplants, in Cumberland only. These consist of healthy, one-year tip plants that have been lined out and grown in our fields for a second season, every one now making a strong, bushy plant, of bearing age and size. If not cut back when planted, they will produce plenty of berries this summer; but for best ultimate results in commercial planting, we recommend close pruning when setting out. Our limited supply will probably not last the season through, so order early to be sure of getting yours.

No. 2 Black Raspberry Tips

To those wishing to make extensive commercial plantings, and who are anxious to keep down planting costs as much as possible, we are offering, while they last, our stock of No. 2 Cumberland and Kansas tips. These are all healthy, well rooted plants, every one twice inspected and disease-free, but smaller in size than our regular No. 1 catalog grade. They are just as certain to live and grow as the larger size, and by the end of the second summer after planting, bushes should be fully as large as though No. 1 planting stock had been used.

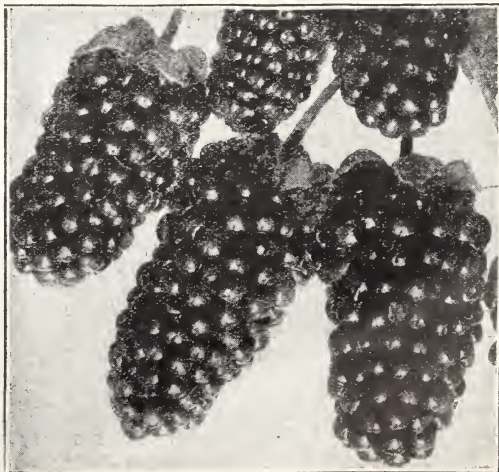
We offer 500 plants for \$5.00—additional 100's at same rate of \$1.00 per 100. NO LESS THAN 500 PLANTS SOLD AT THIS LOW PRICE. (Subject to our usual 10% cash discount). When ordering state whether Cumberland or Kansas is wanted.

LUCRETIA DEWBERRY

Of the blackberry type, but produced on a trailing vine instead of an upright bush. Very hardy and practically immune to disease. Best results are secured on the higher, sandier soils, their natural home. Berries are extra large, lustrous black, sweet and juicy. Always bring a big price in market. See prices on page 48.



Quillen.



Lucretia Dewberry.

Special Savings on Early Cash Orders. See Page 50.



Alfred.

BLACKBERRIES

Alfred The Blackberry Without a Core. This variety has been on the market only a few years, but in this short length of time has become so popular in many parts of the country that it is fast replacing the old standard kinds. Alfred bears young, producing nearly a full crop of fruit the year after planting. It is a vigorous grower, producing strong, well branched canes, perfectly capable of carrying the big crop of fruit produced. It is perfectly hardy, and can be grown anywhere without winter protection, having withstood a temperature of 30 degrees below zero with absolutely no injury resulting. Alfred ripens early, beginning a week in advance of other varieties, and continues over a long season. The berries are of immense size, some berries measuring three inches around and two inches in length. The color is a glossy, jet black, and the flavor sweet and delicious.

Blackberry Transplants

We offer transplanted stock in all Blackberry varieties listed; extra heavy bushes that will fruit this summer. Especially desirable when a few extra choice bushes are wanted in the garden. Supply limited. A good buy at the prices quoted.

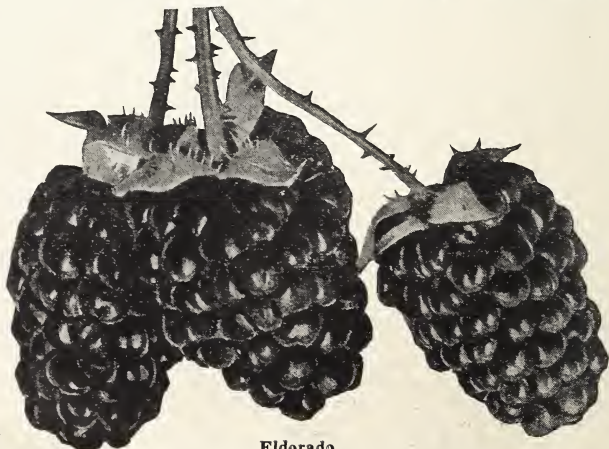
Mersereau This mammoth Blackberry originated in Northern New York, where the mercury drops from 15 to 25 degrees below zero, and regardless of this, Mersereau plants have never been injured. On account of its hardiness and freedom from winter injury, it is grown extensively in the

colder climates. Mersereau is a midseason variety, especially suitable as a main crop, and we highly recommend it to our customers as one of the most satisfactory and profitable Blackberries.

PRICES OF BLACKBERRY PLANTS

	Per 12	Per 25	Per 50	Per 75	Per 100	Per 200	Per 300	Per 400	Per 1000
Alfred, 1-year, No. 1	\$0.90	\$1.50	\$2.75	\$3.75	\$4.50	\$3.60	\$12.60	\$16.40	\$40.00
Alfred, 2-year, No. 1 (Transplants)	3.40	6.40	11.60	16.40	20.00				
Eldorado, 1-year, No. 1, Suckers .....	.45	.75	1.40	1.85	2.25	3.90	5.40	6.60	15.00
Eldorado, No. 1, R. C. Plants .....	.60	1.00	1.85	2.45	3.00	5.20	7.20	8.80	20.00
Eldorado, 2-year, Transplanted R. C. ....	.90	1.50	2.80	3.70	4.50	7.80	10.80	13.20	30.00
Mersereau, No. 1, R. C. Plants .....	.60	1.00	1.85	2.45	3.00	5.20	7.20	8.80	20.00
Mersereau, 2-year, Transplanted R. C. ....	.90	1.50	2.80	3.70	4.50	7.80	10.80	13.20	30.00
Lucretia Dewberry, 1-year, No. 1 Tips .....	.45	.85	1.10	1.60	2.00	3.80	5.40	6.80	16.00

Eldorado This is one of the leading commercial varieties that has long been popular on account of its hardiness, productiveness and freedom from disease, being especially immune to orange rust, the common enemy of all Blackberries. Berries are of good size, color, flavor and quality, holding up well for shipping, and as it fruits over a long season, produces heavy yields that insure a good profit to the grower. There are quite probably more acres of Eldorado now under cultivation than of all other Blackberries combined, which indicates clearly the leadership that has been accorded Eldorado for years past. We recommend it highly for either home or commercial plantings.



Eldorado.

10% Discount on all Blackberry Plants When All Cash Accompanies Order.

WHAT OUR CUSTOMERS THINK OF US

These expressions of confidence, appreciation and satisfaction are just a few taken at random from our files containing hundreds of similar letters. They prove conclusively our claims for superior quality and service. Read them.

"ALL STOCK PACKED RIGHT—PRICED RIGHT—SATISFACTION GUARANTEED."

Highway Highlands, Calif., Apr. 19, 1930.

Dear Sirs:—Received the berry plants last Monday, and was never so well pleased with anything as with them. They arrived in fine condition, and all were growing. You have the best way of shipping I have ever seen.

Yours truly, J. W. BENNIE.

Hood River, Ore., Apr. 11th, 1930.

Sirs:—The shrubbery arrived yesterday in good condition, and I set all in the ground last evening. Every one was leafing out. I think you do well to send nursery stock so far in good shape. Thanks.

Sincerely, MRS. E. S. COLBY.

Deming, Wash., Apr. 12, 1930.

Dear Friends:—My two orders just received. The Everbearing Strawberries are fresh and green, and the roots are unusual. As to the shrubs and rose bushes, I can't begin to tell you how surprised and pleased I am at the size and condition of the plants—so very much larger than any I've ever received by mail from any nursery. Your method of packing is very good. Nothing was the least bit dried out, even considering the long distance.

Yours truly, MRS. R. F. RAPER.

Leonard, Texas, Mar. 21st, 1930.

Gentlemen:—The shipment of shrubs you sent me arrived in very good condition. I am well pleased with same.

Yours truly, MRS. R. M. DUKE.

Twin Falls, Idaho, March 25, 1930.

Gentlemen:—I received my trial order of shrubs, and was agreeably surprised at the quality of the stock, and at their condition upon arrival.

Very truly yours, LEO ANDERSON.

"OUR PRICES SAVE YOU 20% to 40%"

Kenmore, N. Y., Apr. 28, 1930.

Gentlemen:—We are very much pleased with the nursery stock bought from you. We somewhat questioned the quality at such low prices, but decided to try some. Well, as we unpacked each tree, we just marveled at them—their beautiful shape, as near perfect as anything we had ever seen—and now after they are planted, we just walk from one to another, admiring them and overjoyed with the rapidity in which they have started to grow. Our neighbors have also admired them for their beauty of shape and low price.

Very sincerely yours,

MRS. HELEN B. JONES.

Rome, Pa., May 2, 1930.

Dear Sirs:—Am writing to tell you we are very much pleased with the stock received from you. Everything is just as good as any we have ever bought, and cost only half the price. Can assure you, you will receive our future orders.

Respectfully yours, LEVI E. CHAFFEE.

Woodlands, W. Va., June 23, 1930.

Dear Sirs:—Received my order April 9th, and was well pleased. Had the ground ready, and everything was planted the same day. Now the strawberries are full of runners, and I have to pick blossoms every day.

Had a friend who buys from a "High Toned" nursery look over my strawberry, raspberry, rhubarb and asparagus patches, as well as apple trees, shrubs, etc., and tell me what they were worth. He said: "Well, judging by the size, the healthy condition and varieties, I should say at least twenty-five dollars." Later I told him my bill was only eight dollars. He can't understand how you can sell so cheap. I will certainly be a booster for your firm, and you will always get my orders.

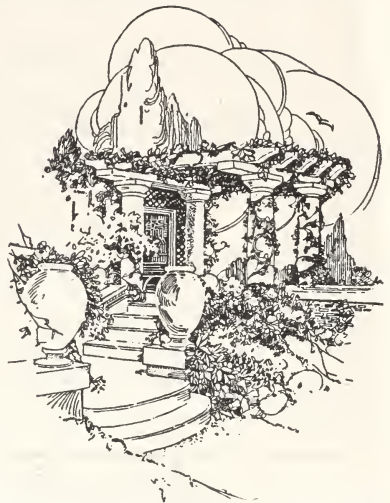
Yours sincerely,

CLARA BEARDSLEY.

Cimarron, New Mexico, Mar. 20, 1930.

Dear Sirs:—Yesterday I received the nursery stock I ordered from you. I want to say I have sent orders to four different nurseries for trees and shrubs, and out of the whole bunch I never received such beautiful trees as from you—the largest and best I ever received from any of them. I thank you for promptness of delivery, and what I call first class nursery stock.

Sincerely yours, B. C. DANELS.



"WE BELIEVE IN A SQUARE DEAL, AND PRACTICE WHAT WE BELIEVE."

Chicago, Ill., April 1, 1930.

Dear Sirs:—Just received the Clematis and Kudzu vines in perfect condition. All your plants were in excellent shape when received. I admire your way of doing business, and you may rest assured that whatever I need in future in your line I will order from you only.

I ordered nearly as much from another firm this spring, who failed to notify me that shipment had been made; then they addressed the package wrong, so I had to call for it at General Delivery down town. It had been there nine days, and was in anything but good condition. That experience makes me appreciate your way of doing business all the more.

Sincerely, R. E. HOWE.

Throop, Pa., April 10, 1930.

Gentlemen:—Received the shrubs and trees I ordered O. K. and everything is quite satisfactory. I could not have done better if I was there to choose them myself.

Yours truly, ARTHUR E. JONES.

Terre Haute, Ind., April 16, 1930.

Dear Sirs:—I hereby acknowledge the receipt of your plants and shrubs, which arrived safely and in good order. The count was good, and I planted the stock, and everything is growing nicely.

I shall recommend you to all of my friends in the future, because the transaction has been very satisfactory to me.

Yours truly, J. H. WILLIAMS.

Davenport, Iowa, Apr. 16, 1930.

Dear Sirs:—Received the plants and trees I ordered from you last Saturday, in A1 condition. They sure are everything as represented. You may look for an order from me next year. Yours truly, GUS LEVETZOW.

Sioux City, Ia., April 15, 1930.

Dear Sirs:—I received the ten Spiraeas in wonderful condition, and they were just as you advertised them. Thank you.

Very truly yours, MRS. F. A. BENSON.

"BIGGER VALUES AT LOWER PRICES"

Waverly, Ohio, April 30, 1930.

Gentlemen:—I am writing you to thank you for your nice trees that you sent me. They are better than any I have ever purchased at any other place for that money. They came in fine shape.

Yours truly, JOHN OYER.

Mechanicsville, N. Y., Apr. 23, 1930.

Dear Sirs:—Trees and shrubs received in fine condition. Am more than satisfied as they are much larger than I expected, and better in every way.

Sincerely, MRS. DELLA STRANG.

Elizabethtown, Pa., Apr. 21st, 1930.

Dear Sirs:—Our nursery stock arrived in very good condition. The quality and size very much surpassed our expectations. Will admit we were a bit skeptical because of your low prices, so consequently are much pleased. Should we need more shrubbery or trees in the future, you may be assured of our further orders.

Sincerely, MRS. L. H. HALDEMAN.

Indianapolis, Ind., April 14, 1930.

Dear Sirs:—Trees and berry bushes arrived and O. K. For the money they can't be beat. Look for a fall order from me.

Yours truly, F. J. BUTSCH, JR.

10% ADDITIONAL NURSERY STOCK

(Of Your Own Selection)

FREE With Your All Cash Orders Received Before March 1st, 1931

OR

5% ADDITIONAL NURSERY STOCK

FREE With Your All Cash Orders Received After March 1st, and Before April 1st, 1931

You Get our Usual 10% Discount As Well!

EXAMPLE—For Orders Before March 1st. If your order amounts to \$10.00 at catalog prices, deduct 10% for cash, and send \$9.00. Then add nursery stock of your own selection amounting to 10% of \$10.00, or \$1.00. In other words, you get \$11.00 worth of stock for only \$9.00.

EXAMPLE—For Orders Mailed During Entire Month of March. If your order amounts to \$10.00 at catalog prices, deduct 10% for cash, and send \$9.00. Then add nursery stock of your own selection amounting to 5% of \$10.00, or 50c. In this way you get \$10.50 worth of stock for only \$9.00.

These additional discounts positively cannot be used as a cash deduction from purchase price, but may be used only for purchase of additional nursery stock free, after our regular 10% cash discount has been deducted. Cash in full must accompany order in every case.

Money sent for Special Bargain Collections, or where special reduced prices have been quoted, cannot be included when figuring the additional discount. Compute this amount only on individual items ordered at full printed prices appearing in our 1931 catalog.

These special offers positively expire on the dates above named. However, our usual 10% cash discount applies on orders received any time during the entire year.

INSTRUCTIONS FOR ORDERING

LOCATION. Bridgman, Berrien County, Michigan—The World's Largest Fruit Plant Center.

ORDER BLANK. Be sure to use Order Blank and Return Envelope provided. It prevents errors and insures prompt attention. If you do not have an Order Blank, you may order by letter.

ORDER EARLY. By ordering early you will find us with a full line of stock, and your order will be shipped when you want it, with no chance of delay. Early cash buyers receive a Liberal Gift Planting of Flaming Giant Red Raspberry Plants. Be one of them. (See pages 24 and 25 for details).

TERMS. 10 per cent discount on all orders accompanied by cash in full, except Special Bargain Offers or Special Quotations, which are net. C. O. D. Express or Parcel Post shipment if you prefer. (See page 24 for full details).

CLAIMS. All claims covering condition on arrival, shortage or errors, must be made within 5 days after arrival. If stock arrives in bad condition, be sure to furnish signed statement from express agent or postmaster, showing extent of loss or damage. All claims will be taken care of under the terms of our Guarantee printed on page 24. Claims not made in accordance with the terms and conditions of this paragraph cannot be considered.

EXPRESS AND PARCEL POST SHIPMENTS. On express shipments, be sure there is an express office at destination you give. When ordering by Parcel Post be sure to include additional remittance sufficient to cover postage charge in accordance with schedule on this page.

If the size or weight of the bundle is too great to comply with Parcel Post requirements, or contains nursery stock difficult to handle by parcel post, we reserve the right to change the routing to express; but in all such cases, any money advanced for the payment of postage will be immediately refunded to customer. Do not ask us to send 5 to 6 ft., or 6 to 7 ft. fruit trees by parcel post, as in order to meet parcel post requirements these trees must be cut back so far that they are very likely to be injured. If you insist on parcel post delivery of these large sizes, we cannot be held responsible for damage to trees.

HOW TO REMIT FOR YOUR ORDER: 1. By postal money order. This can be purchased at your postoffice, or if you live on a rural delivery route, carrier will attend to sending it for you and bring you the receipt. 2. By registered mail. In this way you enclose the money itself with the order, taking the Government's receipt, which is your protection. 3. By express money order. Can be bought at any express office. 4. By personal or cashier's check. Make it payable to The Whitten-Ackerman Nurseries.

Do not send cash unless you register your letter. Cash or stamps when sent by ordinary mail are likely to be lost, in which case we are not responsible. We do not pay duty to foreign countries. Please Do Not Send Postage Stamps.

BARGAIN COLLECTIONS—Cannot Be Altered, Divided or Changed In Any Manner; Neither Can They Be Shipped C. O. D. For Purchase Price, as They Are For Cash With Order Only, and Are Priced Net, Subject to No Discount or Free Plant Offer.

SUBSTITUTION. In ordering be sure to state whether or not we shall substitute some other variety in case the kind ordered is exhausted. If not forbidden, we reserve the right to substitute some similar variety of equal or greater value, but will always label substitutes true to name.

FALL SHIPMENTS. Our stock is fully matured by October 1st, and to southern customers or others wishing to plant in the Fall, we can make shipment during October and November.

ACKNOWLEDGMENTS. Orders acknowledged same day received, and shipped in season, or as per instructions you give.

PRICES AND SPECIAL COLLECTION OFFERS listed in this catalog not guaranteed after issuance of our next catalog.

PARCEL POST RATES

HOW MUCH TO INCLUDE FOR POSTAGE
WHEN YOU SEND CASH WITH ORDER

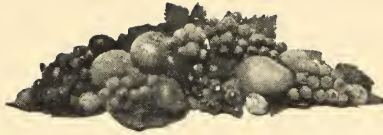
First locate the group of states in which you live, and it will then be easy for you to determine from schedule below the proper amount to allow for postage on your order.

[Group No. 1]	[Group No. 2]	[Group No. 3]	[Group No. 4]
Southern Michigan (Grand Rapids, Owosso, and Port Huron; and all towns South thereof).	Northern Michigan (All towns North of Grand Rapids, Owosso, and Port Huron). Southern Indiana (All towns South of Indianapolis). Illinois, Iowa, Kentucky, Ohio, Wisconsin.	Arkansas Delaware Kansas Maryland Minnesota Missouri Nebraska	New Jersey New York North Carolina Pennsylvania Tennessee Virginia West Virginia
Northern Indiana (Indianapolis, and all towns North thereof).			Canada, and all other states not included in any of the three preced- ing groups.

	Group No. 1	Group No. 2	Group No. 3	Group No. 4
Add to your order for each 100 plants—				
Strawberries and Asparagus	\$0.10	\$0.15	\$0.20	\$0.25
Red Raspberries .....	.15	.22	.35	.50
Black and Purple Raspberries, Blackberries and Dewberries .....	.20	.30	.40	.55
Fruit and Ornamental Trees				
1 tree, 4 to 5 ft. ....	.09	.12	.17	.27
5 trees, 4 to 5 ft. ....	.14	.22	.37	.67
10 trees, 4 to 5 ft. ....	.22	.38	.69	1.31
Grape Vines, Rhubarb, Horseradish, Roses, and all ornamental shrubs, vines and perennials.				

Every 3 plants or less same rate as 100 strawberries.

Whitten



Ackerman

Fruit Collections

All Prices on This Page are Net, Subject to no Cash Discount, Premium or Free Plant Offer, and for Cash With Order Only. Be Sure to Order by Number.



Plum Tree Collection No. 17

1 Bradshaw	\$0.50
1 Burbank .....	.50
1 German Prune .....	.50
1 Lombard .....	.50
1 Monarch .....	.50
1 Reine Claude .....	.50
	<u>\$3.00</u>

6 trees—our regular 2-yr., 9 1/16 inch, 5-6 ft. grade, only \$2.15, by express, not prepaid.

Cherry Tree Collection No. 19

1 Bing, Sweet Cherry	\$0.60
1 Black Tartarian, Sweet .....	.60
1 Napoleon, Sweet .....	.60
1 Large Montmorency, Sour .....	.45
1 Early Richmond, Sour .....	.45
	<u>\$2.70</u>

5 trees—our regular 2-yr., 9 1/16 inch, 5-6 ft. grade, only \$2.00, by express, not prepaid.



Apple Tree Collection No. 19

2 Cortland	\$0.80
2 Delicious .....	.50
2 Red Astrachan .....	.50
2 Jonathan .....	.50
2 McIntosh .....	.50
2 Winter Banana .....	.50
	<u>\$3.30</u>

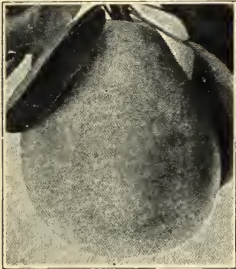
12 trees—our regular 2-yr., 7 1/16 inch, 4-5 ft. grade, only \$2.40, by express, not prepaid.



COMPLETE HOME ORCHARD COLLECTION NO. 20

2 Cortland Apple	\$ 1.00
2 Delicious Apple .....	.70
2 South Haven Peach .....	.80
2 Elberta Peach .....	.60
2 Bartlett Pear	1.00
2 Seckel Pear	1.00
2 Black Tartarian Cherry	1.20
2 Large Montmorency Cherry .....	.90
2 Burbank Plum	1.00
2 German Prune Plum	1.00
2 Moorpark Apricot	1.10
2 Orange Quince	1.50
	<u>\$11.80</u>

24 trees—our regular 9 1/16 inch, 5-6 ft. grade, only \$9.10, by express, not prepaid.



Pear Tree Collection No. 21

2 Bartlett	\$1.00
1 Clapp's Favorite .....	.50
1 Kieffer .....	.50
2 Seckel	1.00
	<u>\$3.00</u>

6 trees—our regular 2-yr., 9 1/16 inch, 5-6 ft. grade, only \$2.15, by express, not prepaid.

Peach Tree Collection No. 22

2 South Haven	\$0.80
2 J. H. Hale .....	.60
2 Elberta .....	.60
2 Champion .....	.60
2 Capt. Ede .....	.60
2 Rochester .....	.60
	<u>\$3.80</u>

12 trees—our regular 9 1/16 inch, 5-6 ft. grade, only \$2.95, by express, not prepaid.



Black Raspberry Collection No. 23

25 Black Pearl	\$0.95
25 Cumberland .....	.85
25 Kansas .....	.85
25 Plum Farmer .....	.85
	<u>\$3.50</u>

Special Price, only \$2.35, not prepaid.

Double Collection for \$3.85, not prepaid.

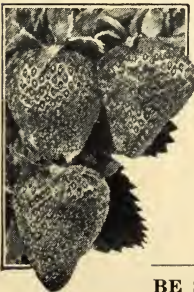


Red Raspberry Collection No. 24

1 Flaming Giant (See page 25)	\$0.50
12 Viking	1.25
25 Latham	1.10
25 Cuthbert .....	.80
12 King .....	.50
12 St. Regis Everbearing .....	.50
	<u>\$4.65</u>

Our Special Price, only \$2.98, not prepaid.

Double Collection for \$5.50, not prepaid.



Special Strawberry Trial Collection No. 25

100 Beaver	\$1.50
100 Harvest King	1.10
100 Red Gold	2.00
	<u>\$4.60</u>

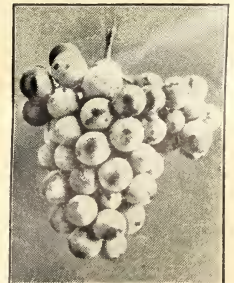
Special Price, only \$3.00, not prepaid.

Grape Collection No. 26

6 Moore's Early (Early Blue), 2 yr.	\$0.40
12 Concord (Midseason Blue), 1 yr. ....	.45
6 Agawam (Dark Red), 1 yr. ....	.55
6 Lucille (Bright Red), 1 yr. ....	.55
	<u>\$1.95</u>

Special Price, only \$1.15, not prepaid.

Double Collection, \$2.00, not prepaid.



BE SURE TO ORDER BY NUMBER.



We Want Thousands of New Customers Every Year

This is Our Way of Advertising

\$1.00 Bargains, Any Six for \$5.50, Postpaid Anywhere in the U. S.
 These Prices Are Net, Subject to No Discount or Free Plant Offer, and are for Cash With Order Only.

OUR BEST GRADE ORNAMENTALS

Bargain No. 27—1 Philadelphus Virginalis, 2-3 ft., and 1 Weigela Eva Rathke, 18-24 in. **\$1.00.**

Bargain No. 28—1 Philadelphus Virginalis, 2-3 ft., and 1 Common Snowball, 18-24 in. **\$1.00.**

Bargain No. 29—1 Bechtel's Double Flowering Crab, 2-3 ft., and 1 Purple-Leaved Plum, 2-3 ft. **\$1.00.**

Bargain No. 30—15 Amoor River North Privet, 12-18 in. **\$1.00.**

Bargain No. 31—12 Japanese Barberry, 1-yr. hedging size; 6 Althea, Rose of Sharon, 18-24 in., (assorted colors), and 3 Philadelphia Coronarius, 2-3 ft. **\$1.00.**

Bargain No. 32—2 Hydrangea P. G. 18-24 in., and 4 Philadelphia Coronarius, 2-3 ft. **\$1.00.**

Bargain No. 33—10 Philadelphia Coronarius, 2-3 ft. **\$1.00.**

Bargain No. 34—10 Forsythia Intermedia (Golden Bell), 18-24 in. **\$1.00.**

Bargain No. 35—12 Spirea Van Houttei, 18-24 in. **\$1.00.**

Bargain No. 36—10 Althea, Rose of Sharon (assorted colors), 18-24 in. **\$1.00.**

Bargain No. 37—1 each: Paul's Scarlet, Crimson Rambler, Excelsa and Dorothy Perkins climbing Roses. All strong, 2-year, field-grown bushes. **\$1.00.**

Bargain No. 38—1 Bechtel's Double Flowering Crab, 2-3 ft., and 6 Althea, Rose of Sharon (assorted colors), 18-24 in. **\$1.00.**

Bargain No. 39—12 Japanese Barberry, 1-yr. hedging size, and 3 Purple Lilac, 2-3 ft. **\$1.00.**

Bargain No. 40—4 Silver Maple, 5 to 6 ft. **\$1.00.**

Bargain No. 41—1 each, Beauty Bush, 12-15 in., and Korean Spirea, 18-24 in. **\$1.00.**

Bargain No. 42—2 Weigela Rosea, 18-24 in., 1 Weigela Eva Rathke, 18-24 in., and 1 Spirea Billiardi, 18-24 in. **\$1.00.**

Bargain No. 43—8 Spirea Callosa Rosea, 12-18 in. **\$1.00.**

Bargain No. 44—1 each, Spirea Anthony Waterer, 15-18 in., Spirea Aurea, 18-24 in., Spirea Billiardi, 18-24 in., and 2 Spirea Callosa Rosea, 12-18 in. **\$1.00.**

Bargain No. 45—4 Red Barberry, 1-yr. hedging size. **\$1.00.**

Bargain No. 46—1 each, American Bittersweet and Boston Ivy, and 2 American Wisteria, all 2-yr. No. 1. **\$1.00.**

See Pages 26 and 27 for Further Ornamental Collections.

CHOICE FRUITS FOR YOUR GARDEN

Bargain No. 47—25 1-yr. Good grade Concord Grape Vines. **\$1.00.**

Bargain No. 48—50 Mastodon, the Big Everbearing Strawberry. **\$1.00.**

Bargain No. 49—25 each Red Gold and Beaver Strawberry Plants. **\$1.00.**

Bargain No. 50—25 each Dr. Burrill, Sen. Dunlap, Gibson and Premier Strawberry Plants. **\$1.00.**

Bargain No. 51—15 Alfred Blackberry Plants. **\$1.00.**

Bargain No. 52—12 each Eldorado and Mersereau Blackberry Plants. **\$1.00.**

Bargain No. 53—12 Viking, the new hardy Red Raspberry. **\$1.00.**

Bargain No. 54—10 each: Latham, Victory and St. Regis Red Raspberry Plants. **\$1.00.**

Bargain No. 55—25 Cumberland and 12 Plum Farmer Black Raspberry Plants. **\$1.00.**

Bargain No. 56—4 Apple Trees, 4-5 ft., 1 each: Delicious, Jonathan, Red Astrachan and Cortland. **\$1.00.**

Bargain No. 57—4 Peach Trees, 4-5 ft., 1 each: South Haven, J. H. Hale, Rochester and Elberta. **\$1.00.**

Bargain No. 58—4 Trees, 4-5 ft., 1 each: Delicious and Jonathan Apple, and South Haven and J. H. Hale Peach. **\$1.00.**

The WHITTEN-ACKERMAN NURSERIES

MEMBERS OF

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Bridgman, Michigan